SONY

VIDEOCASSETTE RECORDER

BVW-55

BETACAM SP

MAINTENANCE MANUAL Part 2

Volume 2 1st Edition

Serial No. 10001 and Higher: BVW-55 (UC)

Serial No. 30001 and Higher: BVW-55 (J)

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

設置や保守，点検，修理などを行う前に，別冊のメンテナンスマニュアルPart 1の「安全のために」と別冊のオペレーションマニュアルの「安全のために」を必ずお読みください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

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Manual Structure

Purpose of this manual

This manual is the maintenance manual part 2 volume 2 of videocassette recorder BVW-55.

This maintenance manual part 2 (Volume 1 and 2) is intended for use by trained system and service engineers, and provides the information that premises the parts level service (parts replacement, guideline for adjustment, schematic diagrams, board layouts, detailed parts list) .

This manual (volume 2) describes spare parts, semiconductor pin assignments, block/schematic diagrams and board layouts.

Related manuals

Besides this “Maintenance manual part 2”, the following manuals are available for videocassette recorder BVW-55.

- **Operation Manual (supplied with the BVW-55)**
  This manual is necessary for application and operation of the BVW-55.

- **Maintenance Manual Part 1 (supplied with the BVW-55)**
  This manual describes the setting and maintenance information.

- **Protocol Manual of Remote (9-pin) Connector (available on request)**
  This manual explains the protocol for controlling the VTR via the RS-422A (9-pin serial remote) . If this manual is required, please contact to Sony’s service organization.

- **BKNW-225 Maintenance Manual (supplied with the BKNW-225)**
  This manual describes the spare parts list and the exploded view for the service parts of the docking kit BKNW-225, that is used when the two BVWs are coupled.

Contents

This manual is organized by following sections.

Maintenance manual part 2 volume 2 (9-967-829-)

Section 1 Spare Parts
Describes the exploded views, the mechanical parts list and the electrical parts list.

Section 2 Semiconductor Pin Assignments
Describes the semiconductor pin assignments.

Section 3 Block Diagrams
Describes the block diagrams of overall and each board.

Section 4 Schematic Diagrams and Frame Wiring
Describes the frame wiring and the schematic diagrams.

Section 5 Board Layouts
Describes the board layouts of printed wiring boards.

Maintenance manual part 2 volume 1 (9-967-828-)

Section 1 Service Overview
Explains the service information (the removal of PLCC IC, board extension, NV-RAM, and so on) for this manual (volume 1).

Section 2 Maintenance Mode
Explains menus of the maintenance mode for adjustment.

Section 3 Replacement of Periodic Maintenance Parts
Explains the replacement of periodic maintenance parts and overview for replacement of mechanical parts.

Section 4 Main Parts Replacement
Explains the replacement of mechanical parts (except periodic maintenance parts) and circuit boards.

Section 5 Tape Path Alignment
Explains the tape path alignment after replacement of parts that are described in Section 3 and Section 4.

Section 6 Electrical Alignment after Replacement of Periodic Maintenance Parts
Explains the electrical alignment associated with replacement of parts that are described in Section 2.

Section 7 Electrical Alignment
Explains the electrical alignment for the maintenance of this unit.

Section 1
Spare Parts

1-1. Notes on Repair Parts

1. Safety Related Components Warning

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Units Representation

The following represented units are changed or omitted in writing.

Units		Representation
Capacitance	µF	uF
Inductance	µH	uH
Resistance	Ω	Abbreviation
Temperature	˚C	XXX-DEG-C

5. Destination Representation

The part indicated “For J/UC” in the spare parts list is used in the unit written below.
For J : The part is used in a unit for Japan.
For UC: The part is used in a unit for the U.S.A. and Canada.

gM

1-2. Exploded Views

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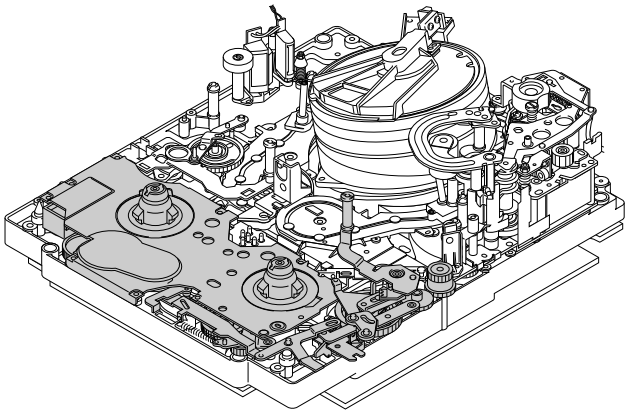
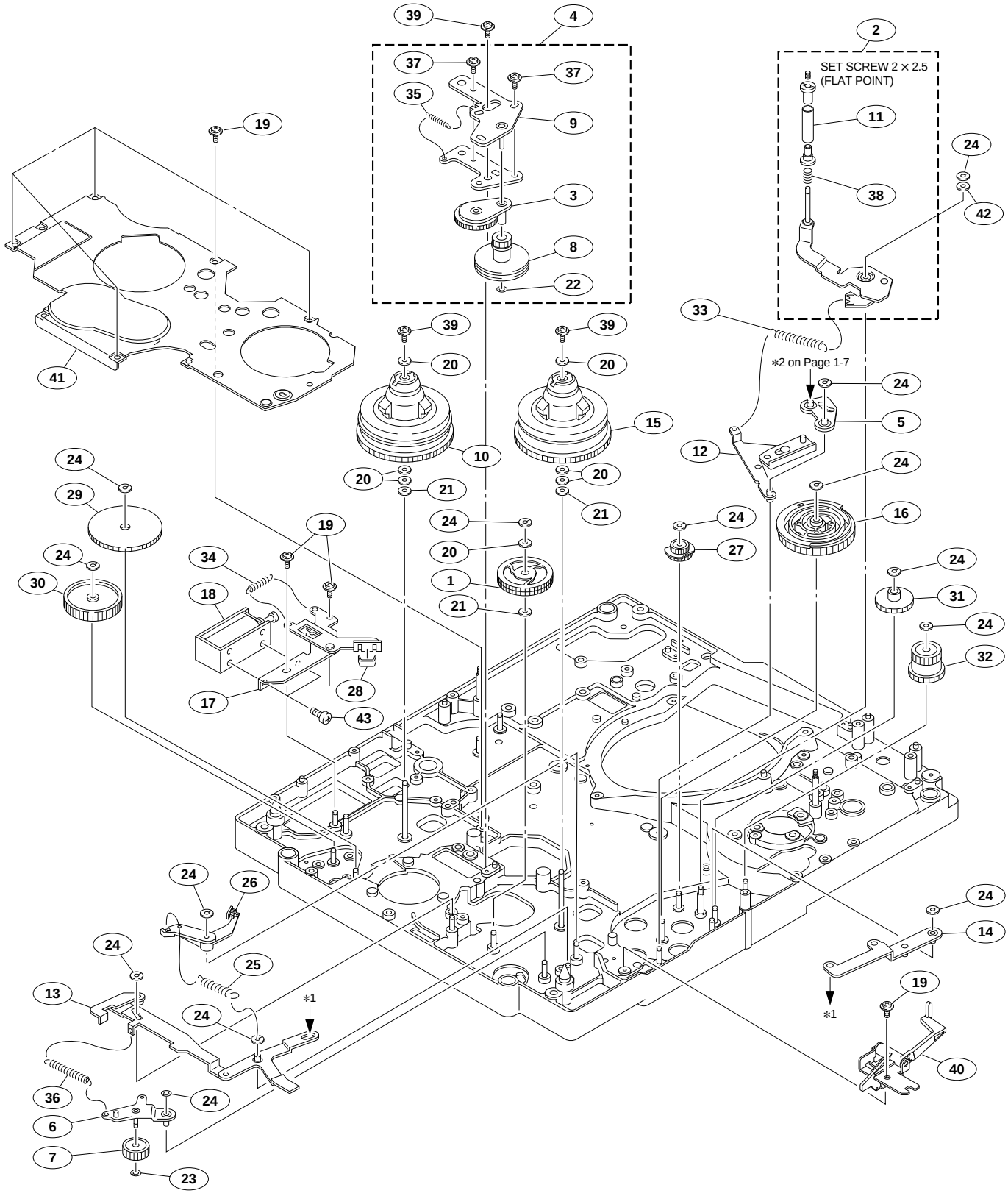
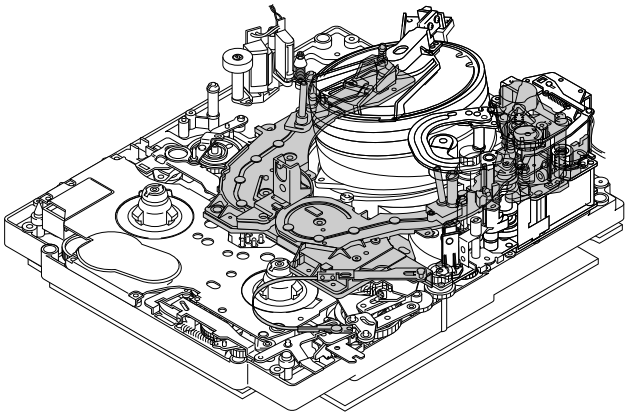
Reel Tables and Gears



No.	Part No.	SP	Description
1	A-8279-077-A	s	IDLER ASSY,T
2	A-8278-707-C	o	TENSION REGULATOR ASSY,T
3	A-8278-829-C	s	GEAR ASSY
4	A-8278-830-C	s	BASE ASSY,GEAR
5	X-3604-553-1	o	PLATE ASSY,BAND ADJUSTMENT
6	X-3604-570-1	o	ARM ASSY,GEAR,JOINT
7	X-3604-571-1	o	GEAR ASSY,JOINT
8	X-3604-587-2	s	PULLEY ASSY,RELAY
9	X-3604-588-2	o	SUB BASE ASSY
10	X-3604-599-2	s	TABLE ASSY,S REEL
11	X-3678-156-2	s	ROLLER T ASSY
12	X-3679-470-3	o	DRAWER ARM ASSY,T TENSION
13	X-3679-473-5	o	ASSY,LINK EJECT
14	X-3679-474-2	o	ARM ASSY,RELEASE
15	X-3679-500-4	s	TABLE ASSY,T REEL
16	X-3679-505-2	o	GEAR ASSY,CAM
17	X-3679-516-3	o	BRACKET,PLUNGER ASSY
18	1-454-334-51	s	SOLENOID,PLUNGER
19	2-640-315-01	o	SCREW(M2X5),SMALL,+P,SW
20	3-303-961-01	s	WASHER,POLY,2mm DIA.,0.13T
21	3-303-961-11	s	WASHER,POLY,2mm DIA.,0.25T
22	3-315-384-11	s	WASHER,STOPPER
23	3-315-384-21	s	WASHER,STOPPER
24	3-559-408-11	s	WASHER,POLYETHLENE,DIA.1.2
25	3-622-744-01	s	SPRING,TENSION
26	X-3605-572-1	o	BRAKE ASSY,T SOFT
27	3-611-468-03	o	GEAR,INTERMITTENT
28	3-611-473-01	s	SHOU,BREAKE
29	3-611-476-02	o	GEAR,MIDWAY(1)
30	3-611-477-03	o	GEAR,IDLE(2)
31	3-611-507-01	o	GEAR,MIDWAY
32	3-611-561-01	o	GEAR,JOINT
33	3-613-608-01	s	SPRING,EXTENSION
34	3-613-616-01	s	SPRING,EXTENSION
35	3-613-958-01	s	SPRING,EXTENSION
36	3-658-197-00	s	SPRING,TENSION
37	3-703-502-31	s	SCREW
38	3-729-011-01	s	SPRING,COMPRESSION
39	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
40	A-8279-124-A	s	SENSOR ASSY,REC
41	3-617-846-01	o	COVER,REEL
42	3-701-437-01	s	WASHER,POLY,2mm DIA.,0.13T
43	7-627-554-07	s	SCREW,PRECISION +P 2X2.2


SET SCREW 2 × 2.5
(FLAT POINT)
*2 on Page 1-7
*1
*1

Threading Link and AT Head



No.	Part No.	SP	Description
101	A-8278-704-D	s	BAND ASSY,TENSION REGULATOR
102	A-8279-125-B	o	S ASSY,CATCHER
103	A-8279-126-A	o	T ASSY,CATCHER
104	X-3678-091-3	s	ROLLER ASSY
105	X-3605-502-1	o	BASE ASSY,A/T
106	X-3679-502-1	o	PLATE ASSY,A/T
107	X-3605-498-1	s	GEAR ASSY,THREADING S
108	X-3605-497-1	s	GEAR ASSY,THREADING T
109	A-8279-128-A	o	ASSY,T SLIDER
110	X-3679-513-4	o	BASE,ASSY TH GEAR
111	A-8279-127-A	o	ASSY,S SLIDER
112	3-534-236-00	s	SPRING,COMPRESSION
113	3-559-408-11	s	WASHER,POLYETHYLENE,DIA.1.2
114	3-611-378-02	s	GEAR,S(S)
115	3-617-864-02	o	DAMPER,AT
116	3-617-843-01	o	RAIL T
117	3-611-536-02	o	CASE,SHIELD
118	3-611-545-01	s	GEAR
119	3-617-842-01	o	RAIL S
120	3-611-547-02	s	GEAR,DRIVING MIDWAY
121	3-611-566-01	o	PLATE,AT HEAD
122	A-8279-129-A	o	SENSOR ASSY,FULLTOP
123	X-3605-501-1	o	IR-4 ASSY
124	3-669-316-00	s	SPRING,COMPRESSION
125	3-680-223-01	s	SHAFT
126	3-682-273-01	s	FLUNGE,UNDER,T2
127	3-682-274-01	s	FLUNGE,UPPER,T2
128	3-698-829-01	s	NUT(M2)
129	3-716-167-01	s	SPRING,COMPRESSION
130	3-729-011-01	s	SPRING,COMPRESSION
131	3-729-012-21	s	SCREW(M2X4)
132	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
133	8-620-013-91	s	HEAD,AUDIO/TC EPS244-2103K
134	3-557-565-00	s	WASHER,1.4 DIA,SMALL
135	3-657-841-71	o	SPACER(2X6.5)
136	3-847-356-02	o	CLAMP
137	3-925-107-02	s	SPRING(IDOLER),COMPRESSION

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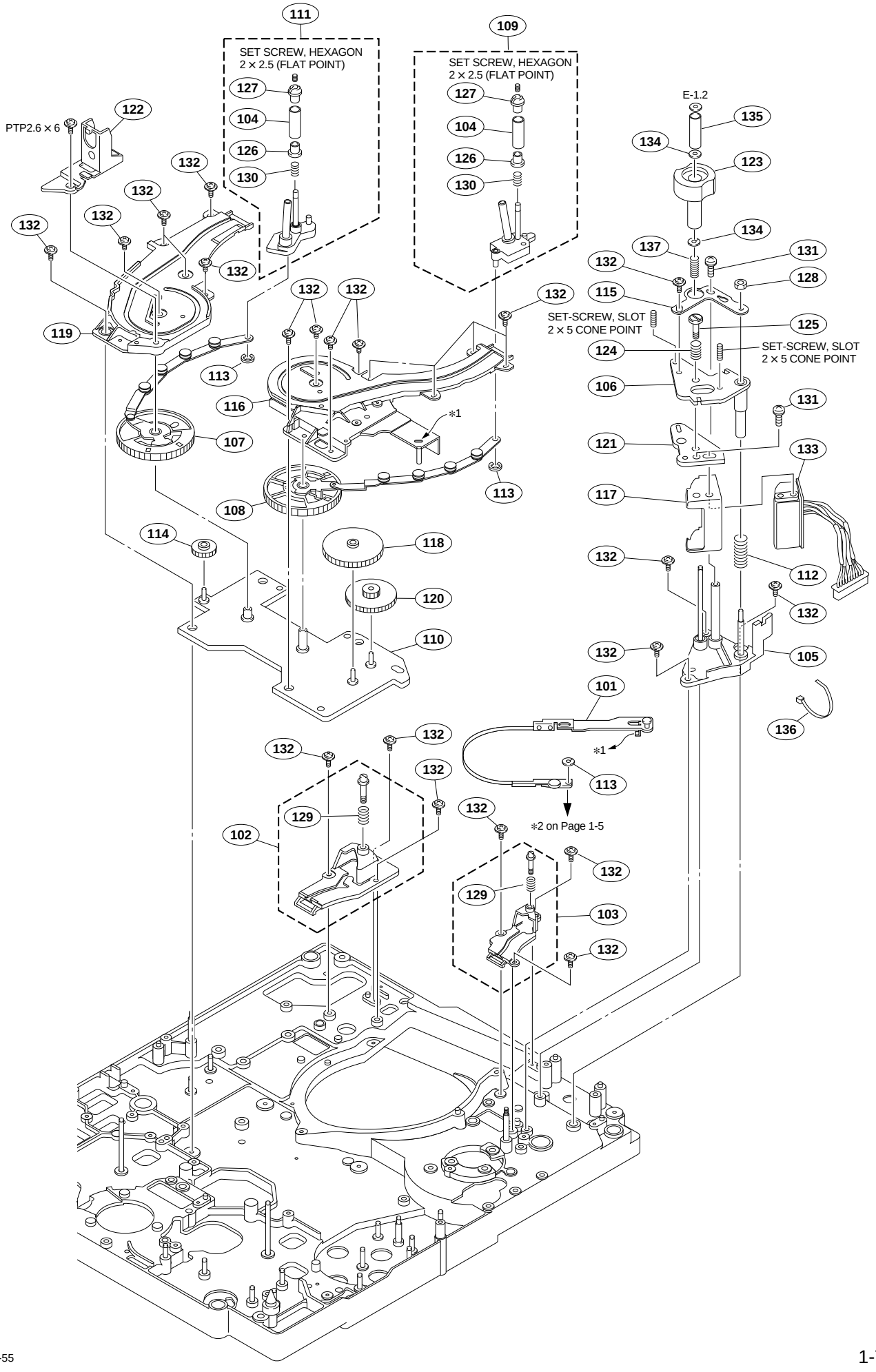
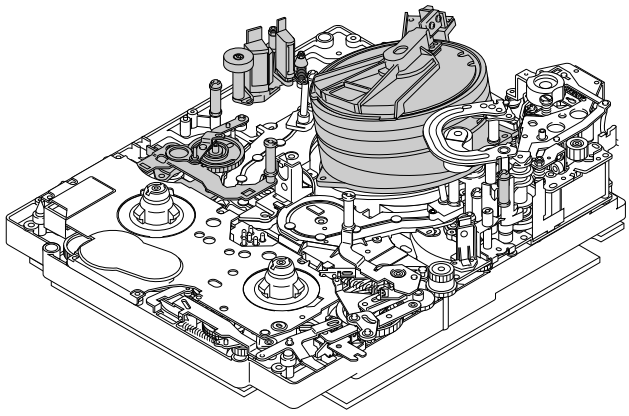
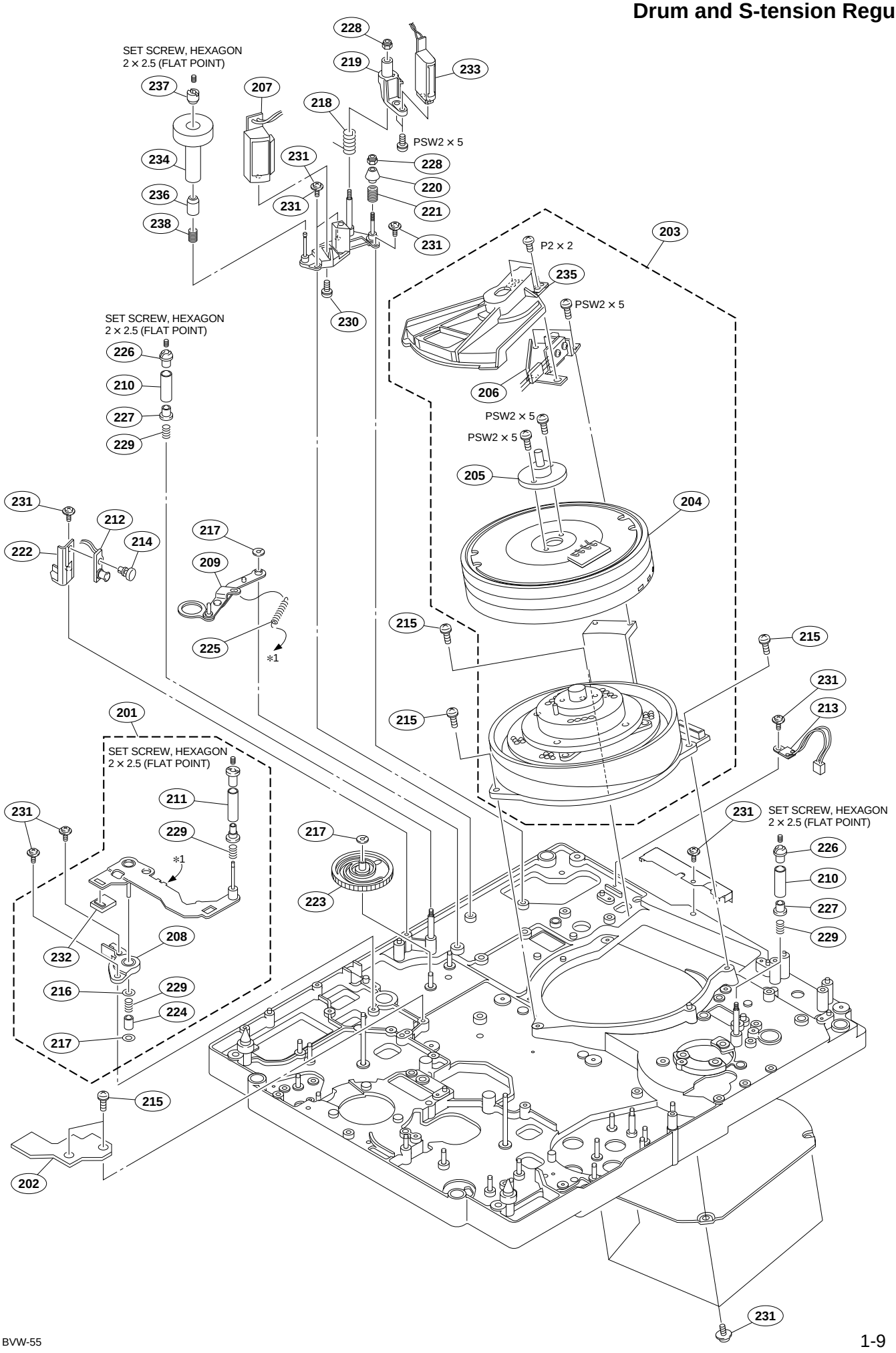


Drum and S-tension Regulator



No.	Part No.	SP	Description
201	A-8278-718-C	o	S TENSION REGURATOR ASSY
202	A-8316-674-A	o	MOUNTED CIRCUIT BOARD,SR-65
203	A-8322-730-A	s	DRUM ASSEMBLY DBH-47A-R
204	A-8322-731-A	s	UPPER DRUM ASSEMBLY DBR-47-R
205	A-8317-463-A	s	SLIP RING ASSEMBLY 4ch(RP)
206	A-8317-464-A	s	BRUSH ASSEMBLY 4ch(RP)
207	X-3167-316-2	s	HEAD(EF291-21)ASSY
208	X-3678-090-1	o	HOLDER,BEARING ASSY
209	X-3678-109-2	o	ARM ASSY,DRAWER
210	X-3678-129-2	s	ROLLER(2)ASSY,RESIN
211	X-3678-156-2	s	ROLLER T ASSY
212	1-543-316-21	s	HEAD,SENSING(SMALL TYPE)
213	1-810-599-11	s	SENSOR,DEW CONDENSATION
214	2-279-715-01	s	RIVET,NYLON
215	2-640-315-01	o	SCREW(M2X5),SMALL,+P,SW
216	3-557-565-00	s	WASHER,1.4 DAI,SMALL
217	3-559-408-11	s	WASHER,POLYETHYLENE,DIA.1.2
218	3-603-615-02	s	SPRING,COIL,HEAD
219	3-603-664-01	o	ARM,CTL
220	3-603-672-01	o	SPACER TAPER
221	3-603-678-01	s	SPRING,COMPRESSION
222	3-611-469-05	o	HOLDER,SENSOR
223	3-611-475-01	o	GEAR,DRAWER ARM
224	3-611-665-01	o	SLEEVE
225	3-616-392-01	s	SPRING,EXTENSION
226	3-679-729-02	s	FLANGE,UPPER
227	3-680-230-01	s	FLANGE,UNDER
228	3-698-829-01	s	NUT(M2)
229	3-729-011-01	s	SPRING,COMPRESSION
230	3-729-012-01	s	SCREW(M2X5)
231	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
232	3-967-714-01	s	MAGNET,ET
233	8-825-779-72	s	CTL HEAD,PS244-21D
234	X-3604-660-1	s	IP ASSY
235	3-203-006-01	o	DRUM COVER
236	3-615-788-01	s	SPACER,IR
237	3-681-768-01	o	NUT,S3
238	3-729-011-01	s	SPRING,COMPRESSION


SET SCREW, HEXAGON
2 × 2.5 (FLAT POINT)
237
207
228
219
233
218
PSW2 × 5
234
231
228
236
220
231
221
238
231
P2 × 2
203
235
PSW2 × 5
230
SET SCREW, HEXAGON
2 × 2.5 (FLAT POINT)
226
210
206
227
PSW2 × 5
229
PSW2 × 5
205
231
212
204
222
214
217
209
215
225
*1
215
231
213
201
215
SET SCREW, HEXAGON
2 × 2.5 (FLAT POINT)
231
SET SCREW, HEXAGON
2 × 2.5 (FLAT POINT)
211
217
226
229
*1
210
223
227
232
208
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216
229
224
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215
202
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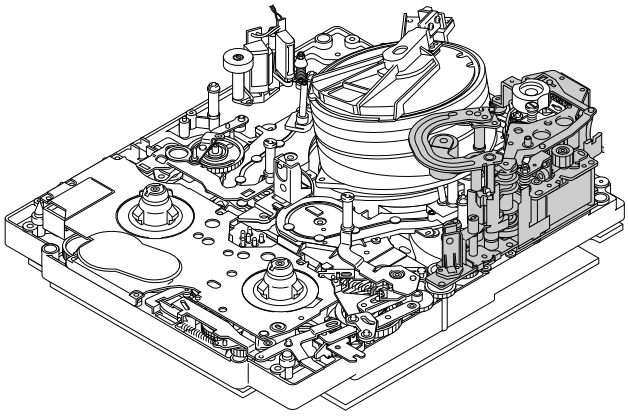
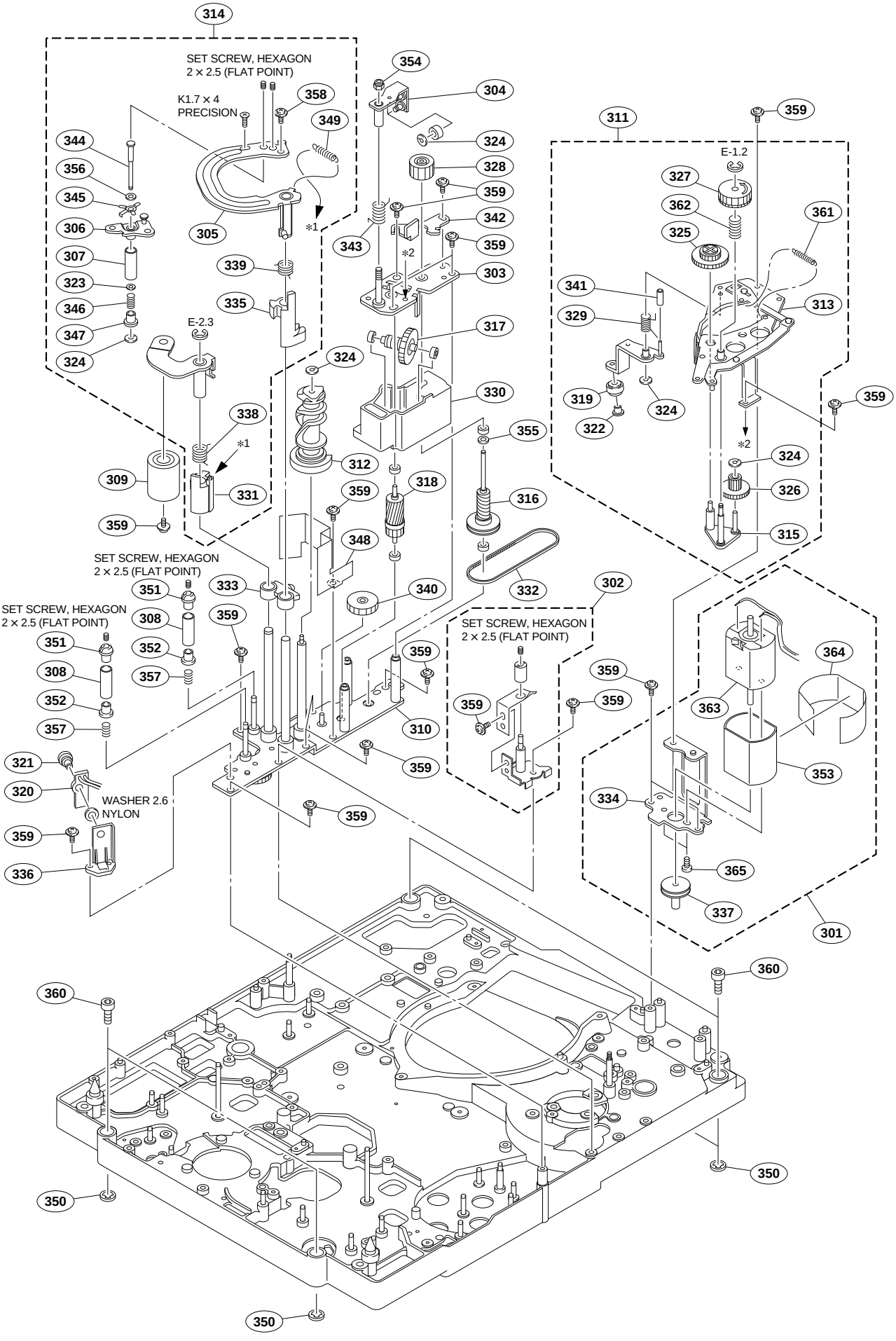
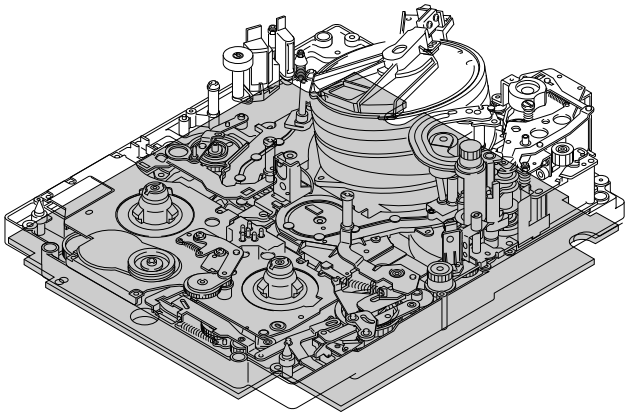
T-drawing Block



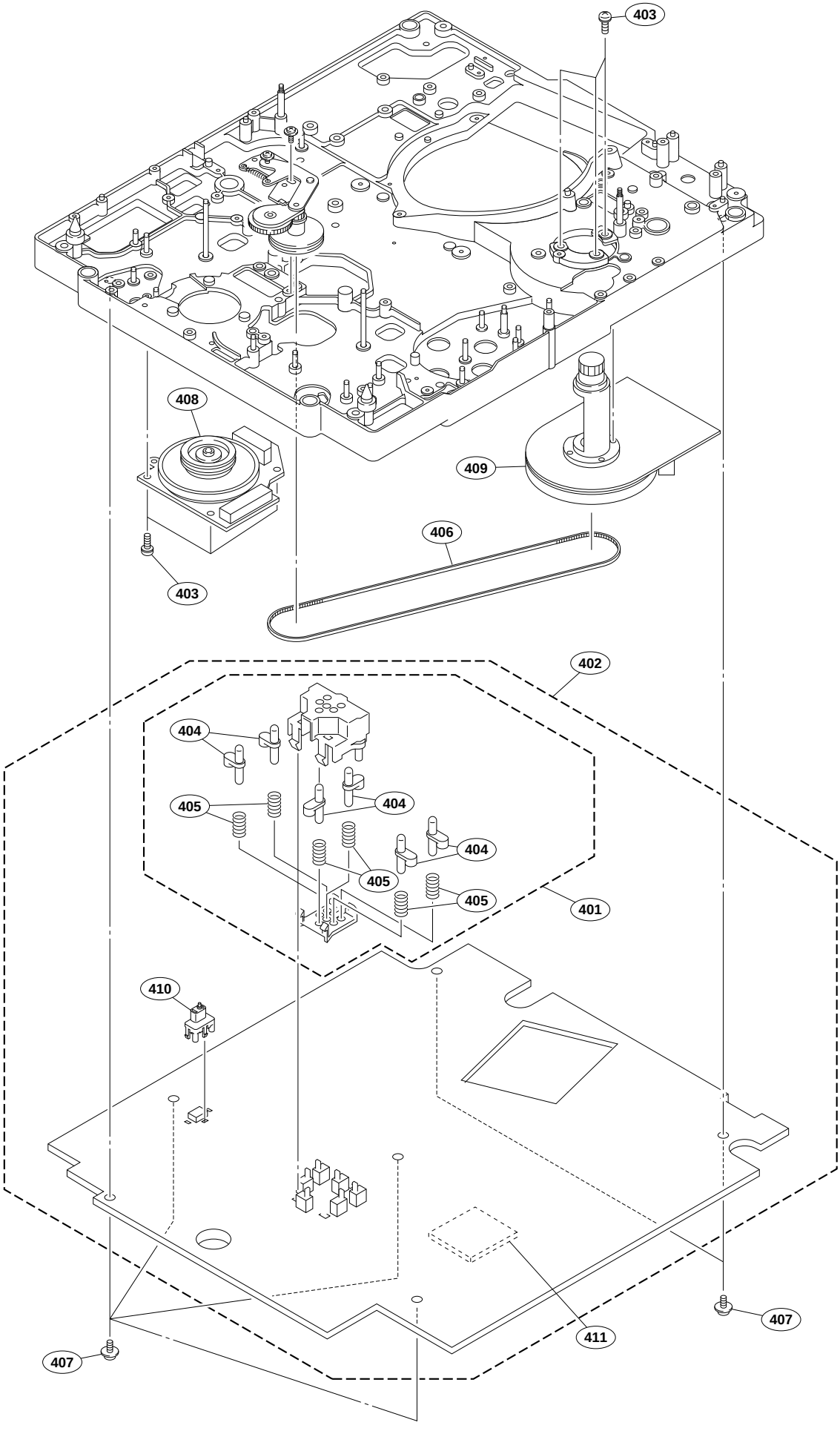
No.	Part No.	SP	Description
301	A-8278-701-C	o	MOTOR ASSY,LOADING
302	A-8278-799-C	o	LOCK ASSY,ARM(T)
303	X-3604-554-2	o	PLATE(2)ASSY
304	X-3604-555-3	o	PLATE,ADJUSTMENT
305	X-3604-556-2	o	DRAWER ASSY,T SUB
306	X-3604-557-2	o	PLATE ASSY,BASE T3
307	X-3678-091-3	s	ROLLER ASSY
308	X-3678-129-2	s	ROLLER(2)ASSY,RESIN
309	X-3678-926-1	s	PINCH ROLLER ASSY
310	X-3679-472-6	o	BASE ASSY,DRAWER
311	A-8279-130-B	o	CLEANER ASSY,VH
312	X-3679-478-3	o	CAM ASSY,PINCH PRESS
313	X-3679-485-5	o	BASE ASSY,VHC
314	A-8323-742-A	o	DRAWER SUB ASSY,T
315	X-3679-487-2	o	BASE ASSY,ME
316	X-3679-494-2	o	GEAR ASSY,GB(1)
317	X-3679-495-1	o	GEAR,ASSY GB(2)
318	X-3679-496-2	o	GEAR,ASSY GB(3)
319	X-3949-109-1	s	ROLLER ASSY,AHC
320	1-543-316-21	s	HEAD,SENSING(SMALL TYPE)
321	2-279-715-01	s	RIVET,NYLON
322	3-615-320-01	s	CAP,CR
323	3-557-565-00	s	WASHER,1.4 DIA,SMALL
324	3-559-408-11	s	WASHER,POLYETHYLENE,DIA.1.2
325	3-611-362-01	o	GEAR B,ME
326	3-611-363-01	o	GEAR C,ME
327	3-611-370-02	o	GEAR DRIVE,ME
328	3-611-389-01	o	GEAR D,ME
329	3-611-390-01	o	SPRING,CR ARM
330	3-611-398-04	o	HOUSING,GEAR BOX
331	3-611-401-06	o	LIMITER,PRESS PINCH
332	3-611-439-01	s	BELT,TIMING
333	3-611-445-03	o	CLAW,UP AND DOWN
334	3-611-453-02	o	BRACKET MORTOR
335	3-611-462-06	o	LIMITER,DRAWER T
336	3-611-469-05	o	HOLDER,SENSOR
337	3-611-492-01	o	PULLEY,LOADING MOTOR
338	3-611-510-01	s	SPRING,PINCH LIMITER
339	3-611-529-02	s	SPRING,LIMITER,T DRAWER
340	3-611-530-01	o	GEAR,GB(4)
341	3-611-657-01	o	ROLLER,LIMITER
342	3-612-775-01	o	STOPPER
343	3-612-778-01	s	SPRING,TORSION
344	3-612-782-02	o	SHAFT,T3
345	3-612-783-01	o	SPRING(T3),LEAF
346	3-612-786-01	s	SPRING,COMPRESSION
347	3-623-711-01	s	FLANGE,T3
348	3-612-806-01	o	GUARD,TAPE
349	3-613-709-01	s	SPRING,EXTENSION
350	3-669-465-01	s	WASHER(1.5),STOPPER
351	3-679-729-02	s	FLANGE,UPPER
352	3-680-230-01	s	FLANGE,UNDER
353	3-680-914-01	o	CASE,SHIELD
354	3-698-829-01	s	NUT(M2)
355	3-701-436-01	s	WASHER,POLY 1.6mm DIA.,0.13T
356	3-701-437-01	s	WASHER,POLY 2mm DIA.,0.13T
357	3-729-011-01	s	SPRING,COMPRESSION
358	3-729-013-31	s	SCREW(+P1.4X3),WASHERHEAD
359	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
360	3-729-084-41	s	BOLT(M2X8),HEXAGON HOLE
361	4-631-374-01	s	SPRING,TENSION
362	4-945-386-01	s	SPRING,COMPRESSION
363	8-835-440-01	s	MOTOR DN20-Q7Z1B
364	7-600-004-24	s	TAPE,ACETATE (No.5) 12X20M BLK (USED 10cm)


SET SCREW, HEXAGON
2 × 2.5 (FLAT POINT)
K1.7 × 4
PRECISION
E-2.3
E-1.2
WASHER 2.6
NYLON
*1
*2

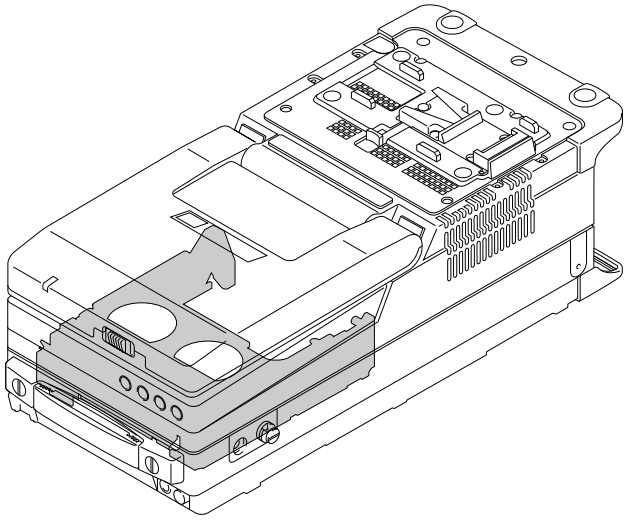
Bottom Side of Mechanical Deck



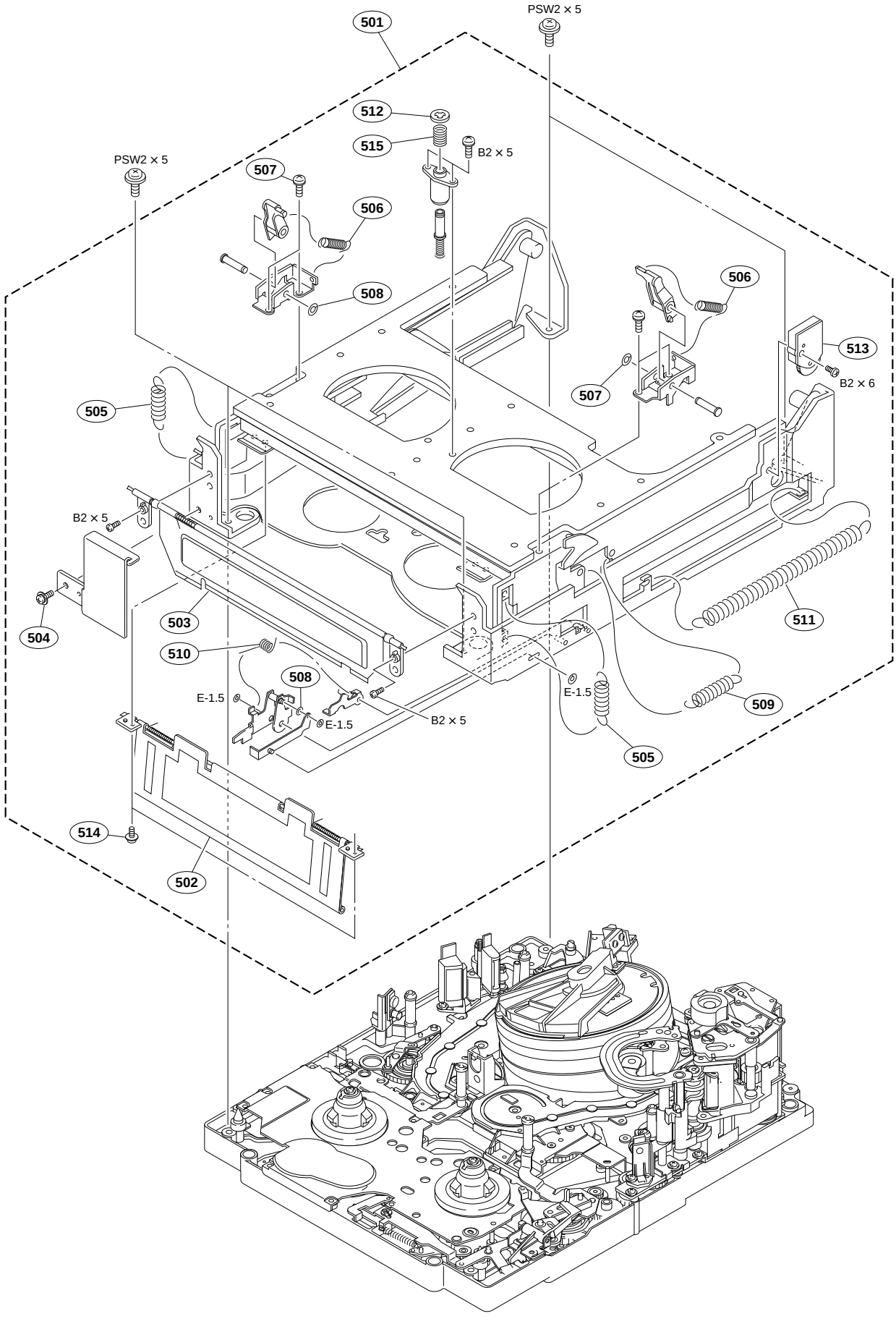
No.	Part No.	SP	Description
401	A-8278-724-A	o	HOLDER ASSY,SENSOR(ID)
402	A-8321-770-A	o	MOUNTED CIRCUIT BOARD,SV-206
403	2-640-315-01	o	SCREW(M2X5),SMALL,+P,SW
404	3-611-385-01	o	PIN,DETECTION
405	3-611-405-01	o	SPRING,COMPRESSION
406	3-611-544-01	s	BELT,TIMING
407	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
408	8-835-589-01	s	MOTOR,DC SRV11A/J-N
409	8-835-590-01	s	MOTOR,DC SCV-0703A/J-N
410	A-8278-854-A	o	SWITCH ASSY,REC INHI
411	1-674-132-11	o	PRINTED CIRCUIT BOARD,DU-44


403
408
409
406
403
402
404
405
404
404
405
405
401
410
407
411
407

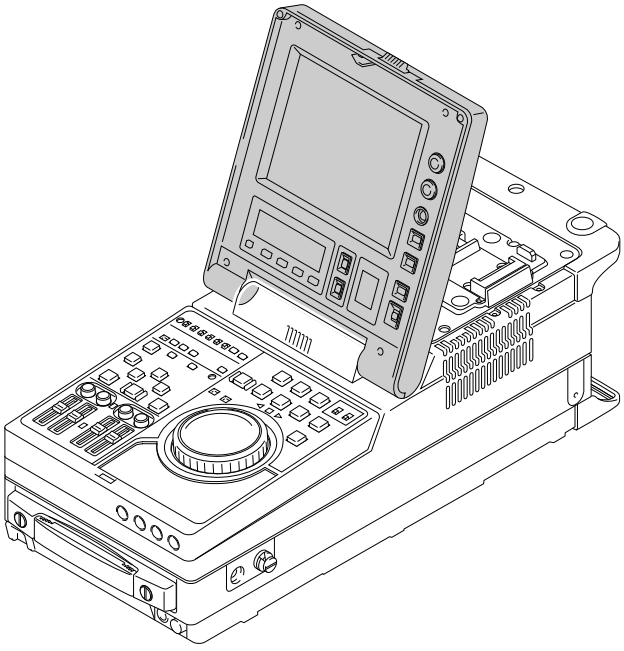
Cassette Compartment



No.	Part No.	SP	Description
501	A-8316-920-J	s	COMPARTMENT ASSY,CASSETTE
502	X-3679-497-2	o	PLATE A ASSY,BLIND
503	X-3679-499-5	o	PLATE B ASSY,BLIND
504	2-640-315-01	o	SCREW(M2X5),SMALL,+P,SW
505	3-343-352-01	s	SPRING,TENSION
506	3-344-216-11	s	SPRING(SUCTION ARM),TENSION
507	7-627-553-38	s	SCREW,PRECISION +P 2X3
508	3-559-408-11	s	WASHER,POLYETHYLENE,DIA.1.2
509	3-559-434-01	s	SPRING,TENSION
510	3-612-802-01	s	SPRING,TORSION
511	3-612-804-01	o	SPRING,EXTENSION
512	3-650-537-00	o	WASHER
513	3-681-528-00	o	DAMPER
514	3-729-013-21	s	SCREW(M1.4X2.5),WASHERHEAD(+P)
515	4-930-433-01	s	SPRING,COMPRESSION


501
PSW2 × 5
512
515
B2 × 5
PSW2 × 5
507
506
508
506
513
B2 × 6
507
505
B2 × 5
504
503
510
508
E-1.5
E-1.5
B2 × 5
E-1.5
509
511
505
514
502

Display Panel



No.	Part No.	SP	Description
601	A-8278-700-E	o	LEVER ASSY,RELEASE
602	A-8278-832-A	o	PANEL ASSY,LCD UPPER
603	A-8316-707-B	o	MOUNTED CIRCUIT BOARD,DP-277
604	A-8316-718-B	o	MOUNTED CIRCUIT BOARD,DP-264
605	A-8317-156-A	o	MOUNTED CIRCUIT BOARD,CN-1657
606	A-8321-774-A	o	MOUNTED CIRCUIT BOARD,DP-300
607	X-3605-506-2	o	PANEL SUB ASSY,LCD
608	X-3678-125-1	s	KNOB(2 POSI)ASSY,SW
609	1-475-529-11	s	INVERTER UNIT,DC-AC
610	1-475-639-12	s	LCD UNIT
611	1-667-468-13	o	PRINTED CIRCUIT BOARD,CN-1541
612	1-803-085-11	s	LCD MODULE
613	3-608-362-01	s	CLAMP(2),PUSH SW
614	3-611-408-01	s	SWITCH,RESET
615	3-611-411-04	o	LEVER,RELEASE
616	3-611-488-01	s	SWITCH(LCD),PUSH
617	3-611-761-01	s	FOOT,RUBBER
618	3-617-880-02	s	AUDIO METER SHEET
619	3-622-399-01	o	HOLDER(15),SUB LCD
620	3-622-400-01	o	PLATE(1),S
621	3-661-624-01	s	SHEET(W),BLIND
622	3-680-219-02	s	KNOB,VR
623	3-724-758-02	s	RUBBER(PUSH),DROP PROTECTION
624	3-729-076-11	s	SCREW(+B)(2X4)
625	4-627-833-01	s	SPRING,TENSION

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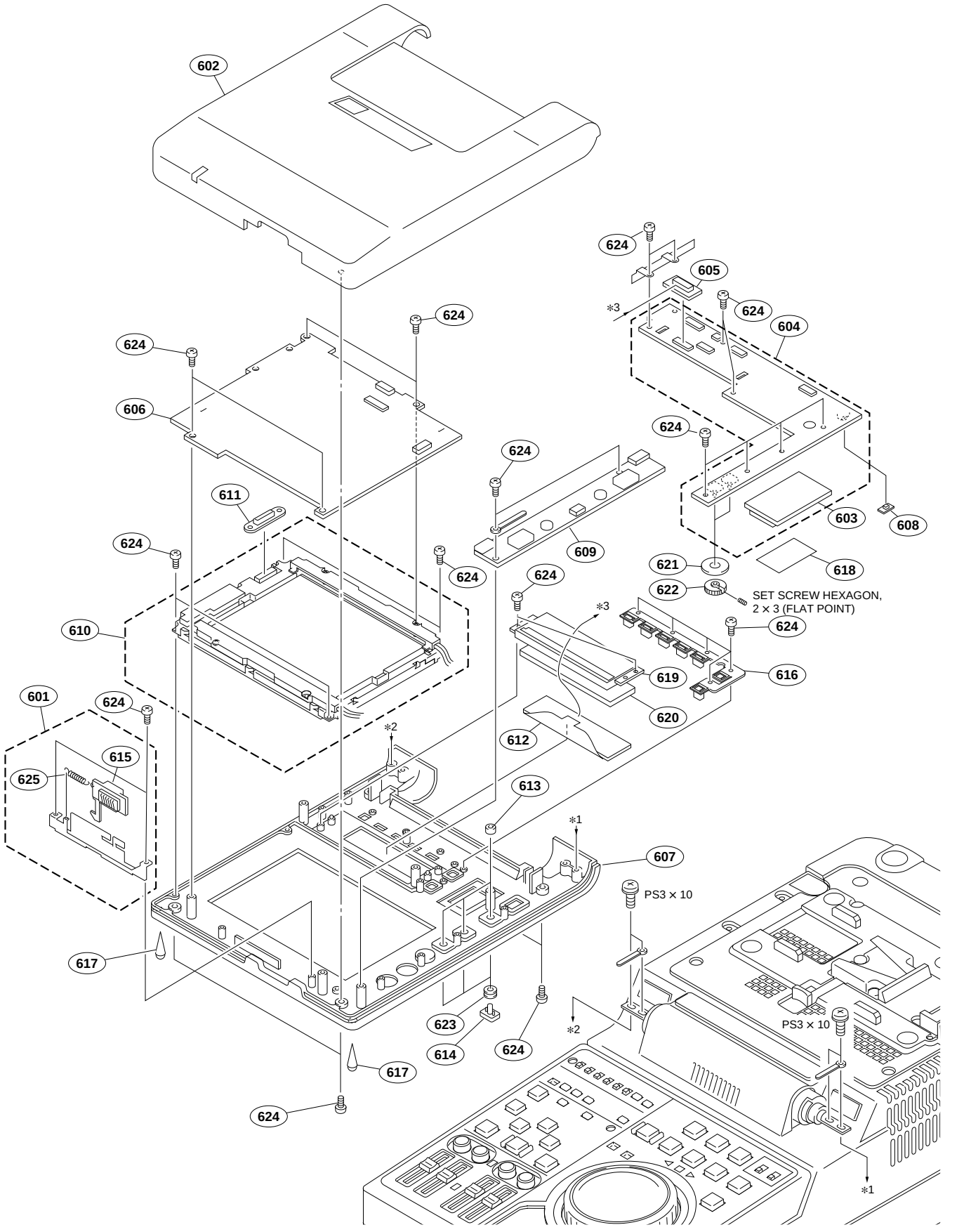
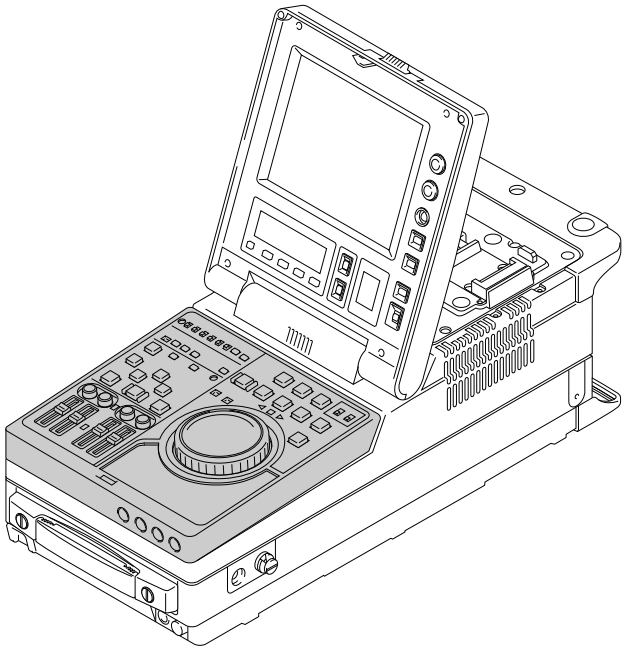
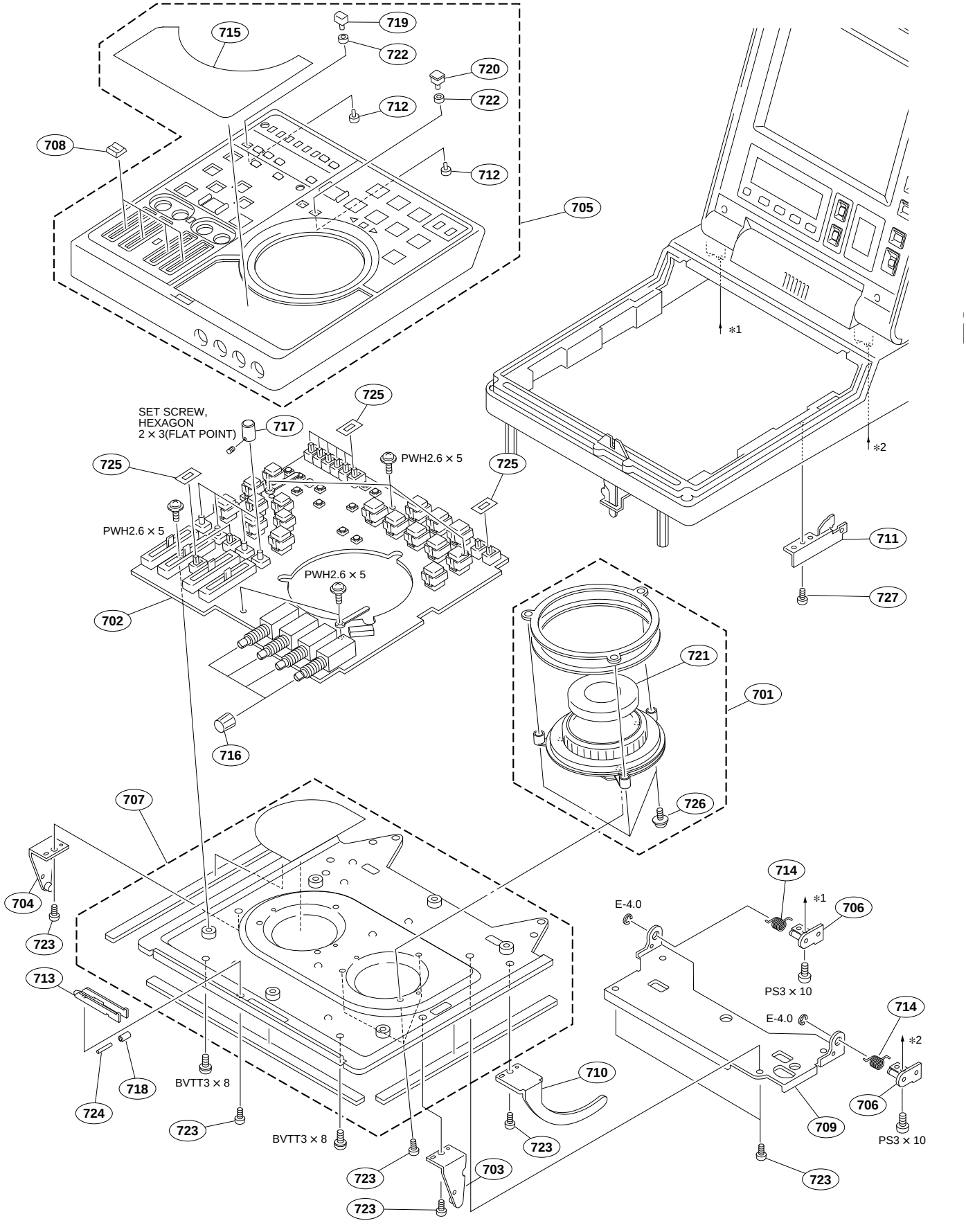


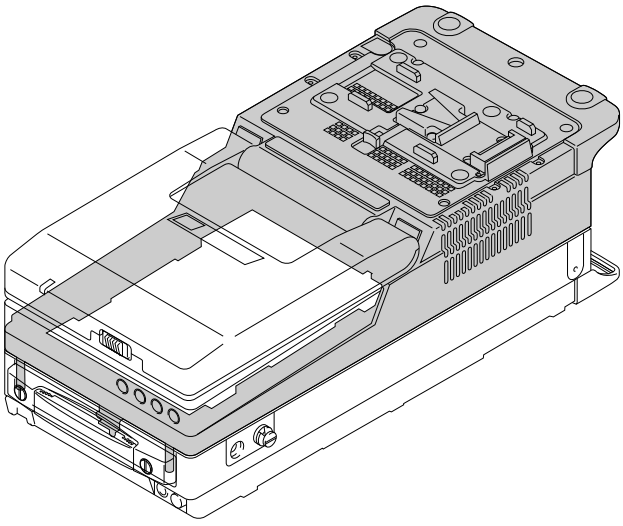
Control Panel



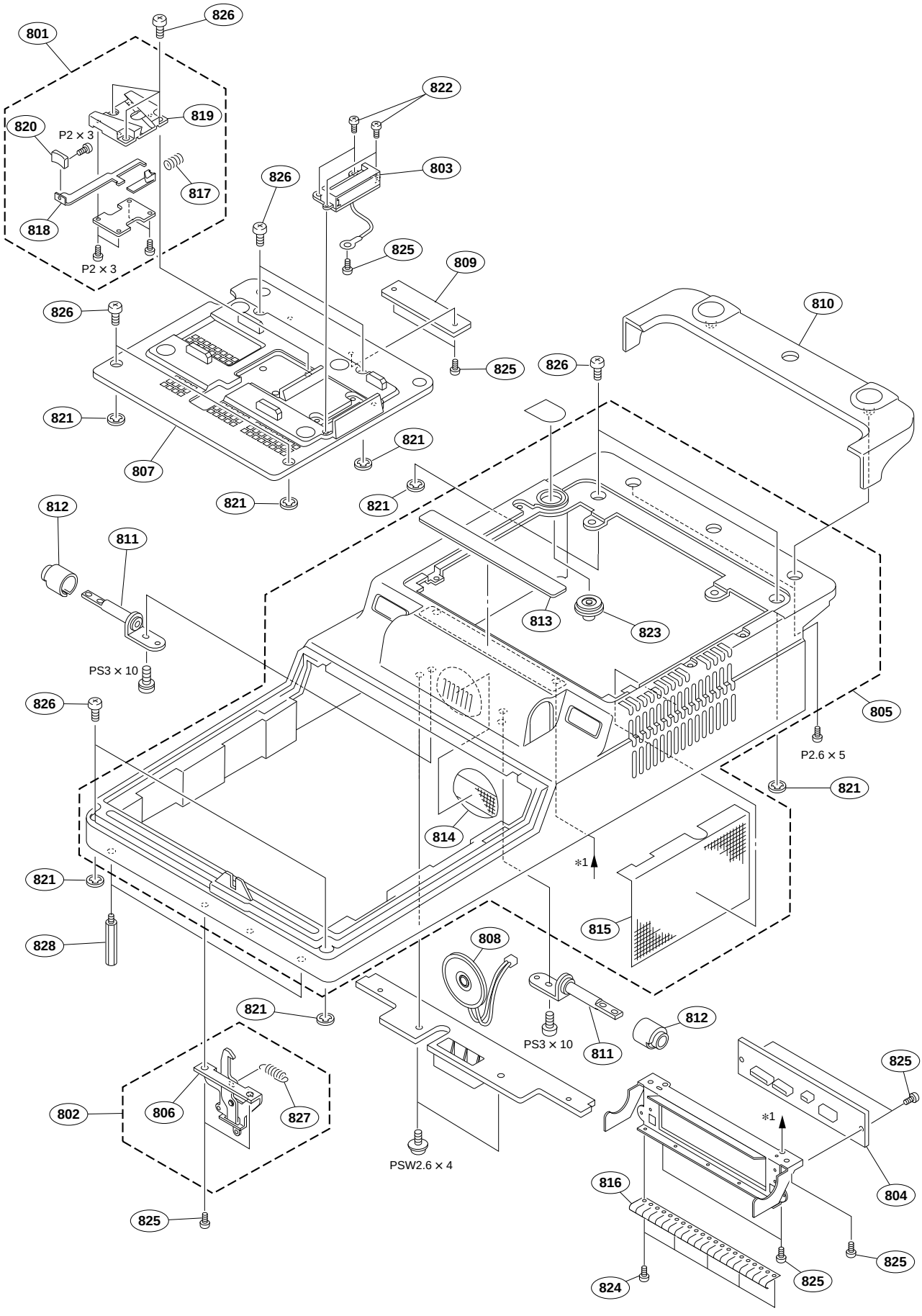
No.	Part No.	SP	Description
701	A-8316-924-H	s	DIAL ASSY,JOG / SHUTTLE
702	A-8321-772-A	o	MOUNTED CIRCUIT BOARD,KY-446
703	X-3604-611-1	o	PLATE,ROCK(T)ASSY
704	X-3604-612-1	o	PLATE,ROCK(S)ASSY
705	X-3605-503-1	o	PANEL SUB ASSY,CONTROL
706	X-3679-481-2	s	HINGE ASSY,CONTROL PANEL
707	X-3679-482-4	o	ASSY(CP),BOARD,BOTTOM
708	3-611-339-01	o	KNOB,SLIDE(VOL)
709	3-611-361-01	o	BRACKET,CONTROL PANEL
710	3-611-376-01	o	CP LOCK ARM
711	3-611-377-01	o	CP LOCK BASE
712	3-611-387-01	s	PIN,PUSH BUTTON
713	3-611-395-01	o	HOLDER,PIN
714	3-611-430-01	o	SPRING(1),TORSION
715	3-611-440-02	o	PAD
716	3-611-481-03	o	KNOB,VR
717	3-611-482-02	o	KNOB,AUDIO
718	3-611-494-01	o	SLEEVE
719	3-612-499-01	s	BOTTON L,RESET
720	3-612-854-01	s	BOTTON L(CN),RESET
721	3-615-531-03	o	COVER,JOG
722	3-686-086-01	s	CUSHION,BUTTON
723	3-694-181-02	s	TYPE1,AROCK PRECISION(+2.6X5)
724	3-703-357-07	s	PIN(DIA. 1.6 SERISE)
725	3-717-394-03	o	PLATE(SMALL),ORNAMENTAL,SW
726	3-729-013-41	s	SCREW(M1.4X3.5),WASHERHEAD(+P)
727	3-729-076-11	s	SCREW(+B)(2X4)

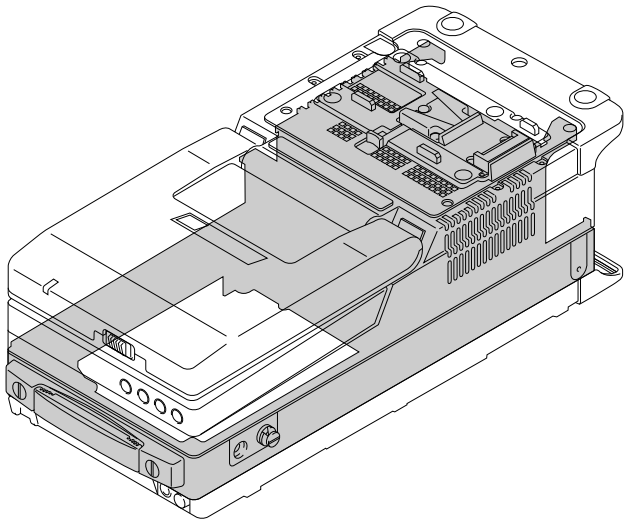

715
719
722
720
722
712
712
708
705
*1
*2
725
SET SCREW,
HEXAGON
2 × 3(FLAT POINT)
717
PWH2.6 × 5
725
725
PWH2.6 × 5
PWH2.6 × 5
702
711
727
721
701
716
726
707
704
723
713
718
724
BVTT3 × 8
723
BVTT3 × 8
723
703
723
710
723
E-4.0
714
*1
706
PS3 × 10
E-4.0
714
*2
706
709
PS3 × 10
723

Upper Frame Block

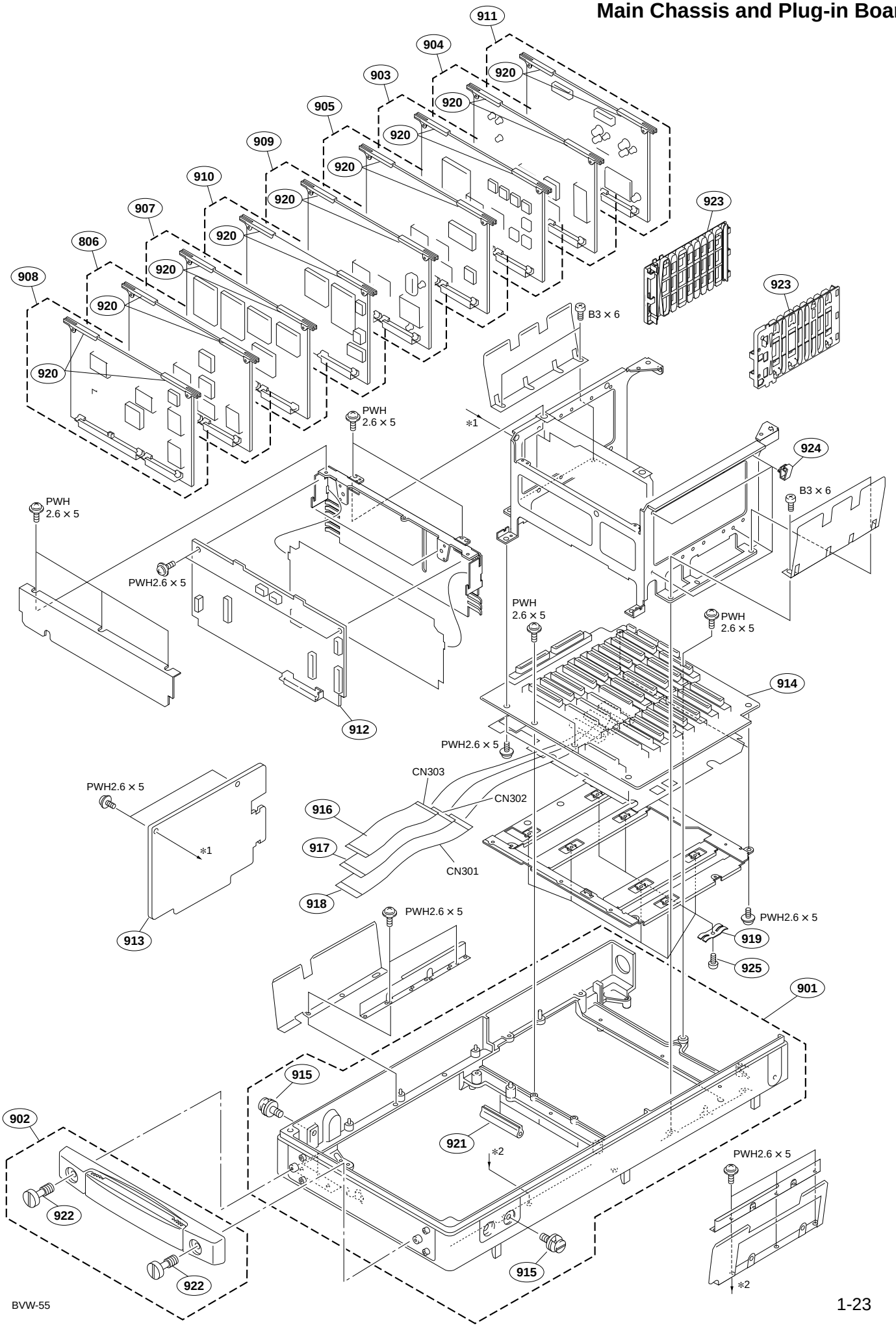


No.	Part No.	SP	Description
801	A-8278-025-C	s	MOUNT,V ASSY
802	A-8278-721-D	o	LEVER ASSY,RELEASE
803	A-8316-724-A	o	MOUNTED CIRCUIT BOARD,FL-251
804	A-8321-775-A	o	MOUNTED CIRCUIT BOARD,CN-1779
805	X-3604-609-5	o	FRAME ASSY,UPPER
806	X-3679-479-3	s	LEVER ASSY,RELEASE(CL)
807	X-3679-490-5	o	SUB PANEL SUB ASSY,BATTERY
808	1-503-293-00	s	SPEAKER
809	1-668-196-11	o	PRINTED CIRCUIT BOARD,CN-1662
810	3-611-388-04	o	REAR,PROTECTOR
811	3-611-410-02	s	HINGE,LOCK
812	3-611-447-02	o	HOLDER,HARNESS
813	3-613-685-01	o	RUBBER,CENTER CONDUCTIVE
814	3-613-830-02	o	COVER,SPACER
815	3-613-831-01	o	SEAT,BLIND
816	3-617-874-01	o	GROUND,FINGER
817	3-679-648-02	o	SPRING,COMPRESSION
818	3-679-688-02	o	LEVER,RELEASE
819	3-679-690-02	o	MOUNT,V
820	3-680-952-01	o	KNOB,RELEASE LEVER
821	3-685-166-01	o	WASHER,SCREW CLAMP
822	3-694-181-02	s	TYPE1,AROCK PRECISION(+2.6X5)
823	3-717-821-01	s	CAP,BREAKER
824	3-729-013-21	s	SCREW(M1.4X2.5),WASHER HEAD(+P)
825	3-729-076-11	s	SCREW(+B)(2X4)
826	3-742-074-11	s	SCREW(+B 3X8)
827	3-931-544-01	s	SPRING,TENSION
828	4-960-987-01	o	SPACER(DISPLAY)


801
826
822
819
820
P2 × 3
803
817
826
818
825
P2 × 3
809
826
825
810
826
821
807
821
821
821
812
811
813
823
PS3 × 10
826
805
P2.6 × 5
821
814
*1
821
815
828
808
821
812
PS3 × 10
811
825
802
806
827
*1
PSW2.6 × 4
804
816
825
825
824



No.	Part No.	SP	Description
901	A-8278-710-B	o	CHASSIS ASSY,MAIN
902	A-8278-842-E	s	HANDLE ASSY
903	A-8316-672-B	o	MOUNTED CIRCUIT BOARD,SDI-23
904	A-8316-704-A	o	MOUNTED CIRCUIT BOARD,DEC-97
905	A-8320-125-B	o	MOUNTED CIRCUIT BOARD,TG-191
906	A-8321-754-A	o	MOUNTED CIRCUIT BOARD,AFM-16
907	A-8321-756-A	o	MOUNTED CIRCUIT BOARD,APR-42
908	A-8321-758-A	o	MOUNTED CIRCUIT BOARD,AU-262
909	A-8321-762-A	o	MOUNTED CIRCUIT BOARD,MD-122
910	A-8321-764-A	o	MOUNTED CIRCUIT BOARD,SY-272
911	A-8321-766-A	o	MOUNTED CIRCUIT BOARD,VPR-59
912	A-8321-768-A	o	MOUNTED CIRCUIT BOARD,RP-107
913	A-8321-779-A	o	MOUNTED CIRCUIT BOARD,RE-174
914	A-8321-783-A	o	MOUNTED CIRCUIT BOARD,MB-838
915	X-3672-208-2	o	SUSPENSION ASSY(B)
916	1-793-312-11	o	WIRE,FLAT TYPE(25 CORE)
917	1-793-313-11	s	WIRE,FLAT TYPE(25 CORE)
918	1-793-314-11	o	WIRE,FLAT TYPE(25 CORE)
919	3-603-655-01	o	SHIELD FINGER(MB-A)
920	3-603-737-01	o	LEVER,BOARD
921	3-603-753-02	o	DUST PROTECT(2)
922	3-613-691-01	s	SCREW,ORNAMENTAL
923	3-617-845-01	o	RAIL,GUIDE,PC BOARD
924	3-686-073-01	o	CLAMP,HARNESS
925	7-627-553-27	s	SCREW,PRECISION +P 2X2.5


911
904
903
905
909
910
907
806
908
920
923
B3 × 6
PWH
2.6 × 5
∗1
924
PWH2.6 × 5
914
912
CN303
CN302
CN301
916
917
918
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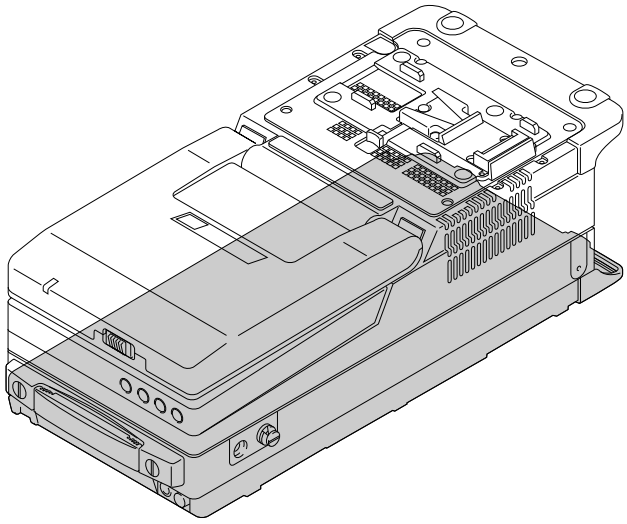
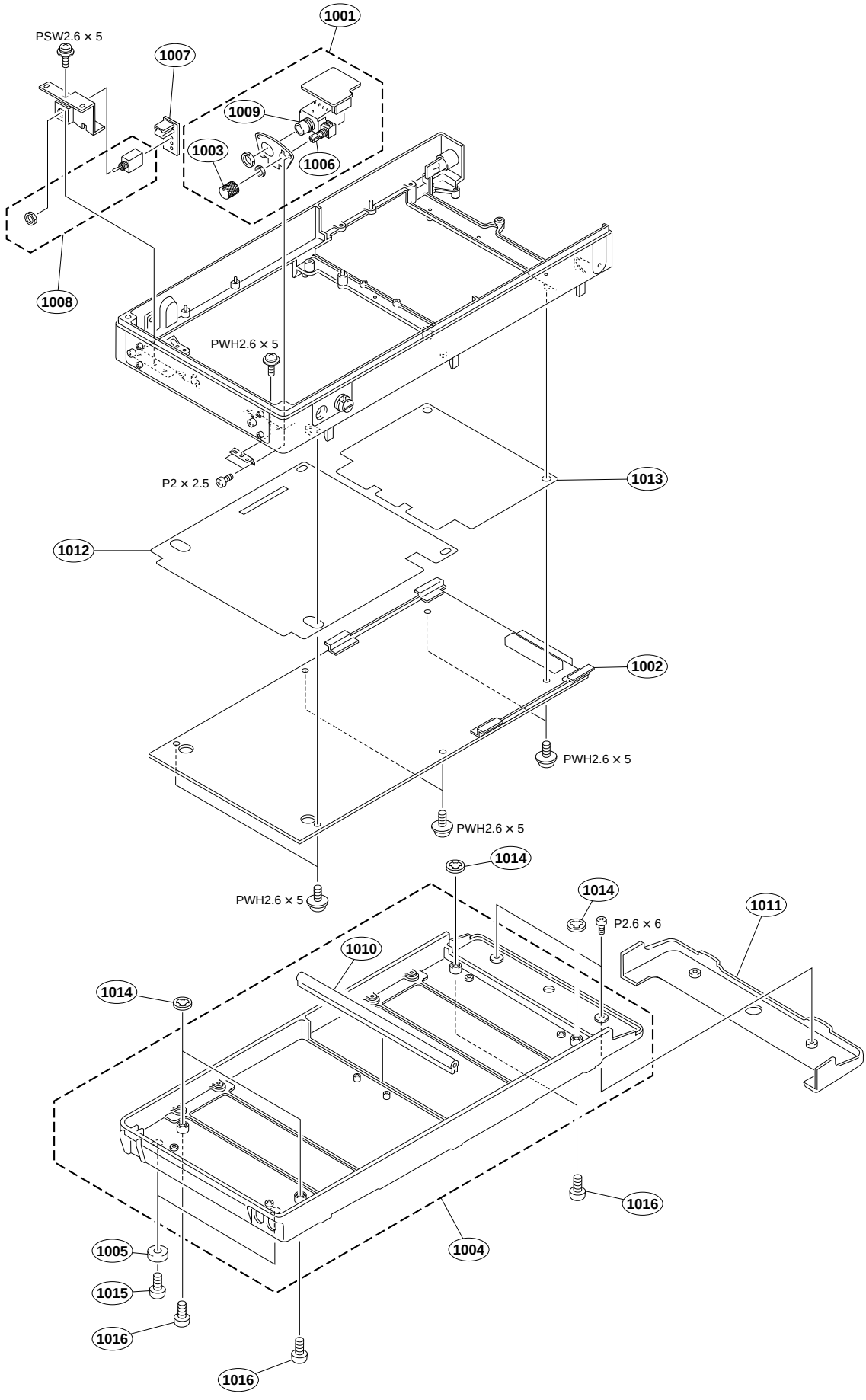
919
925
901
915
902
921
∗2
922

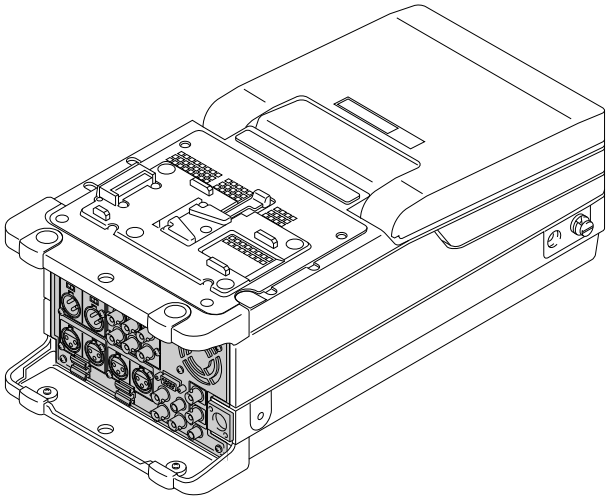
Bottom Plate Block



No.	Part No.	SP	Description
1001	A-8316-726-B	o	MOUNTED CIRCUIT BOARD,HP-88
1002	A-8321-760-A	o	MOUNTED CIRCUIT BOARD,DM-121
1003	X-3167-825-1	s	KNOB ASSY,CONTROL
1004	X-3679-480-4	o	BOTTOM PLATE SUB ASSY
1005	X-4875-123-1	s	FOOT ASSY,MF
1006	1-241-577-11	s	RES,VAR,CARBON 20K/20K
1007	1-667-488-13	o	PRINTED CIRCUIT BOARD,PSW-63
1008	1-762-001-11	s	SWITCH,TOGGLE
1009	1-764-618-11	o	JACK(LARGE)
1010	3-603-753-02	o	DUST PROTECT(2)
1011	3-611-388-04	o	REAR,PROTECTOR
1012	3-612-503-02	o	SHEET,SHIELD SV-DM
1013	3-612-506-01	o	SHEET,SHIELD SV-DM(2)
1014	3-685-166-01	o	WASHER,SCREW CLAMP
1015	3-742-074-01	s	SCREW(+B 3X6)
1016	3-742-074-11	s	SCREW(+B 3X8)


1001
PSW2.6 × 5
1007
1009
1003
1006
1008
PWH2.6 × 5
P2 × 2.5
1013
1012
1002
PWH2.6 × 5
PWH2.6 × 5
1014
PWH2.6 × 5
1014
1011
P2.6 × 6
1010
1014
1016
1004
1005
1015
1016
1016

Connector Panel



No.	Part No.	SP	Description
1101	A-8316-700-A	o	MOUNTED CIRCUIT BOARD,CP-316(for UC)
	A-8316-827-A	o	MOUNTED CIRCUIT BOARD CP-316J(for J)
1102	A-8316-702-B	o	MOUNTED CIRCUIT BOARD,CP-317
1103	A-8318-279-A	o	MOUNTED CIRCUIT BOARD,DC-97
1104	3-611-533-06	o	PANEL(SY),REAR
1105	1-561-233-21	s	CONNECTOR(RECEPTACLE)6P
1106	1-564-603-11	s	CONNECTOR(WITH DC SW)4P
1107	1-565-072-11	s	CONNECTOR,ROUND TYPE(RF)4P
1108	1-568-676-11	o	CONNECTOR,D-SUB 9P
1109	1-570-157-51	s	SWITCH,SLIDE
1110	1-572-042-11	s	SWITCH,SLIDE
1111	1-573-584-11	s	CONNECTOR,BNC(RECEPTACLE)
1112	1-750-785-21	s	CONNECTOR,(XLR TYPE)3P(for UC)
	1-750-786-21	s	CONNECTOR,(XLR TYPE)3P(for J)
1113	1-750-785-21	s	CONNECTOR,(XLR TYPE)3P(for J)
	1-750-786-21	s	CONNECTOR,(XLR TYPE)3P(for UC)
1114	1-763-041-11	s	FAN,DC(52 SQUARE)
1115	1-766-788-11	s	CONNECTOR,COAXIAL(BNC TYPE)
1116	1-790-085-11	s	CABLE ASSEMBLY,COAXIAL
1117	1-790-916-11	s	CABLE ASSEMBLY,COAXIAL
1118	1-790-915-11	s	CABLE ASSEMBLY,COAXIAL
1119	1-784-240-11	s	CONVERTER,COAXIAL CONNECTOR
1120	3-171-450-01	o	ADAPTOR,SW
1121	3-173-384-01	o	SPACER,ORNAMENTAL PLATE
1122	3-611-543-01	o	PLATE,NUT
1123	3-611-666-01	o	HOLDER CONNECTOR
1124	3-673-910-31	s	SCREW,CONNECTOR
1125	3-679-659-03	o	CLAMP,CABLE
1126	3-694-181-02	s	TYPE1,AROCK PRECISION(+2.6X5)
1127	3-717-394-03	o	PLATE(SMALL),ORNAMENTAL,SW
1128	3-742-074-11	s	SCREW(+B 3X8)

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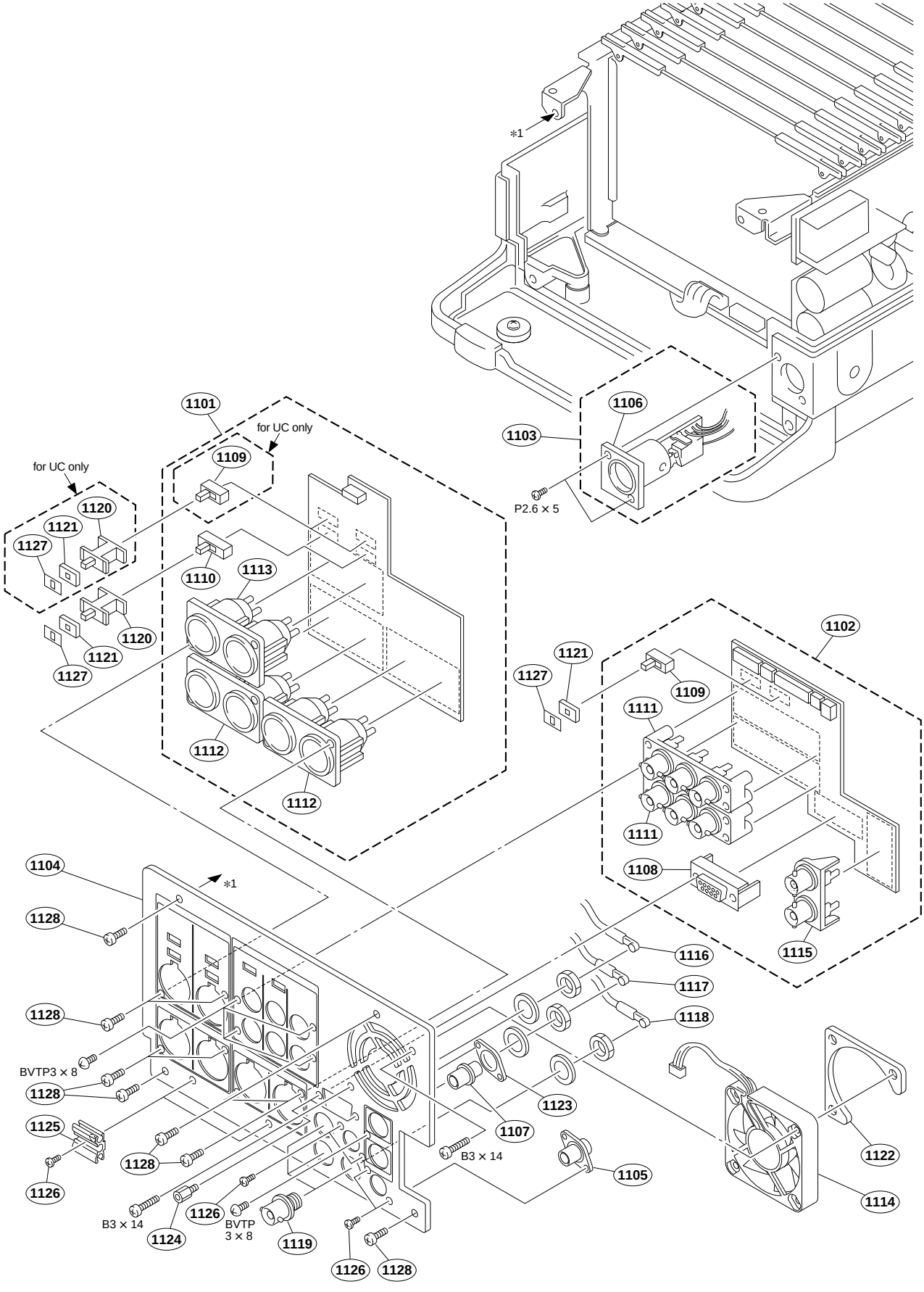

Screws and Washers

Part No.	SP	Description
7-621-710-48	s	SET-SCREW,SLOT 2X5 CONE POINT
7-621-731-08	s	SET-SCT,HEX. 2X2.5,FLAT POINT
7-621-732-08	s	SET-SCT,HEX. 2X3 FLAT POINT
7-621-772-20	s	SCREW +B 2X5
7-621-772-30	s	SCREW +B 2X6
7-621-775-20	s	SCREW +B 2.6X5
7-623-307-01	s	LW 2.6,TYPE (A)
7-623-923-11	s	WASHER 2.6, NYLON
7-624-101-04	s	STOP RING 1.2 (E TYPE)
7-624-102-04	s	STOP RING 1.5, TYPE -E
7-624-105-04	s	STOP RING 2.3, TYPE -E
7-624-108-04	s	STOP RING 4.0, TYPE -E
7-624-200-01	s	NUT,PUSH 1.5
7-627-450-78	s	SCREW,PRECISION +K 1.7X4
7-627-551-77	s	SCREW,PRECISION +P 1.4X4 TYPE1
7-627-552-28	s	SCREW,PRECISION +P 1.7X2
7-627-553-27	s	SCREW,PRECISION +P 2X2.5
7-627-553-38	s	SCREW,PRECISION +P 2X3
7-627-554-07	s	SCREW,PRECISION +P 2X2.2
7-627-556-17	s	SCREW,PRECISION +P 2.6X3 TYPE1
7-627-556-57	s	SCREW,PRECISION +P 2.6X5 TYPE1
7-628-254-05	s	SCREW +PS 2.6X5
7-682-551-09	s	SCREW +B 3X14
7-682-547-04	s	SCREW +B 3X6
7-682-647-09	s	SCREW +PS 3X6
7-682-649-09	s	SCREW +PS 3X10
7-682-902-11	s	SCREW +PWH 2.6X5
7-682-903-11	s	SCREW +PWH 3X6
7-685-102-19	s	SCREW +P 2X4 NON-SLIT TYPE 2
7-685-103-19	s	SCREW +P 2X5 TYPE2 NON-SLIT
7-685-133-19	s	SCREW +P 2.6X6 TYPE2 SLIT
7-685-146-29	s	SCREW +P 3X8 TYPE2 SLIT
7-685-646-79	s	SCREW +BVTP 3X8 TYPE2 SLIT
7-600-004-24	s	TAPE,ACETATE (No.5) 12X20M BLK
7-688-001-01	s	W2,MIDDLE

1-3. Electrical Parts List

1-3-1. Frame List

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-475-529-11	s	INVERTER UNIT, DC-AC
1pc	1-475-639-12	s	LCD UNIT "COLOR LCD"
1pc	1-801-194-11	s	LCD UNIT "AUDIO METER LCD"
1pc	1-803-085-11	s	LCD MODULE "SUB LCD"
1pc	8-620-013-91	s	HEAD EPS244-2103K "A/T HEAD"
CN1000	1-561-233-21	s	CONNECTOR, CIRCULAR 6P, FEMALE "AUX"
CN1001	1-565-072-11	s	CONNECTOR, CIRCULAR 4P, FEMALE "DC OUT 12V"
CN1002	1-784-240-11	s	CONVERT CONNECTOR, COAXIAL "SDI IN"
CN1003	1-784-240-11	s	CONVERT CONNECTOR, COAXIAL "SDI OUT 1"
CN1004	1-784-240-11	s	CONVERT CONNECTOR, COAXIAL "SDI OUT 2"
FAN1	1-763-041-11	s	FAN, DC (52 SQUARE)
FB1001	1-543-157-11	s	BEAD, FERRITE
FB1002	1-543-793-11	s	FILTER, CLAMP
FB1003	1-543-157-11	s	BEAD, FERRITE
FB1004	1-543-157-11	s	BEAD, FERRITE
FB1005	1-543-157-11	s	BEAD, FERRITE
FB1006	1-543-157-11	s	BEAD, FERRITE
FB1007	1-543-157-11	s	BEAD, FERRITE
FB1008	1-543-157-11	s	BEAD, FERRITE
FB1009	1-543-793-11	s	FILTER, CLAMP
H1	8-825-770-74	s	HEAD, FE EF291-21 "FULL ERASE HEAD"
H2	8-825-779-72	s	HEAD, CTL PS244-21D "CTL HEAD"
M1	8-835-589-01	s	MOTOR, DC SRV11A/J-N "S-REEL MOTOR"
M2	8-835-440-01	s	MOTOR, DN20-Q7Z1B "THREADING MOTOR"
M3	8-835-590-01	s	MOTOR, DC SCV-0703A/J-N "CAPSTAN MOTOR"
PM1	1-454-334-51	s	SOLENOID, PLUNGER
SE1	1-810-599-11	s	SENSOR, DEW CONDENSATION "SENSOR DEW"
SE2	1-543-316-21	s	HEAD, SENSING (SMALL TYPE) "TAPE TOP SENSOR"
SE3	1-543-316-21	s	HEAD, SENSING (SMALL TYPE) "FULL TOP SENSOR"
SE4	1-543-316-21	s	HEAD, SENSING (SMALL TYPE) "TAPE END SENSOR"
SP1	1-503-293-00	s	SPEAKER 7.2-OHM 0.2W

1-3-2. Cable/Harness List

部品番号が記載されていないハーネスは，サービス部品として登録されていません。
これらは，リストに展開されているコンポーネント部品で補修してください。

Harnesses with no part number are not registered as spare parts.
In need of repair, get components shown in the list and repair using them.

Ref. No. or Q'ty	Part No.	SP	Description
HN101	(Please buy the LCD MODULE.)		
(TO LCD MODULE in SUB LCD)			
(TO CN1/CN-1657 BOARD)			
HN102	1-959-745-11	o	HARNESS, SUB (DR1-RP)
(TO CN1/DRUM ASSEMBLY)			
(TO CN1/RP-107 BOARD)			
(TO CN2/RP-107 BOARD)			
(TO CN3/RP-107 BOARD)			
(TO CN4/RP-107 BOARD)			
(TO CN5/RP-107 BOARD)			
HN103	- - -		
(TO CN2/DRUM ASSEMBLY)			
4pcs	1-573-176-11	o	CONTACT, FEMALE, AWG22-26
1pc	1-580-582-11	o	HOUSING, LY 12P
8pcs	1-580-599-11	o	CONTACT, LY, FEMALE, AWG22-30
(TO CN6/RP-107 BOARD)			
1pc	1-569-621-11	o	HOUSING, 12P
12pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN104	- - -		
(TO CN1/SR-66 BOARD)			
4pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-619-11	o	HOUSING, 4P
(TO CN7/RP-107 BOARD)			
4pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-619-11	o	HOUSING, 4P
HN105	- - -		
(TO CN3/DRUM ASSEMBLY)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-565-979-11	o	HOUSING, 8P
6pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
(TO CN101/SV-206 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-565-979-11	o	HOUSING, 8P
6pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN106	1-958-200-12	o	HARNESS, SUB (PS-MB1)
(TO CN1/PSW-63 BOARD)			
(TO CN1/MB-838 BOARD)			
HN107	- - -		
(TO CN102/RP-107 BOARD)			
4pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-619-11	o	HOUSING, 4P
(TO CN1/DM-121 BOARD)			
4pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-619-11	o	HOUSING, 4P
HN108	- - -		
(TO CN7/CN-1779 BOARD)			
12pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P
(TO CN1/DP-264 BOARD)			
12pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P
HN109	- - -		
(TO CN8/CN-1779 BOARD)			
3pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-618-11	o	HOUSING, 3P
(TO CN2/DP-264 BOARD)			
3pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-618-11	o	HOUSING, 3P

Ref. No. or Q'ty	Part No.	SP	Description
HN110	1-958-197-14	o	HARNESS, DP265:5-DP264:3
(TO CN5/DP-300 BOARD)			
(TO CN3/DP-264 BOARD)			
HN112	1-958-518-11	o	HARNESS, LCD-GND
(TO COLOR LCD)			
(TO GND)			
HN113	- - -		
(TO CN6/DP-300 BOARD)			
5pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-620-11	o	HOUSING, 5P
(TO INVERTER)			
5pcs	1-562-643-11	o	CONTACT, FEMALE, AWG24-30
1pc	1-562-647-11	o	CONNECTOR, 5P, FEMALE
HN114	1-958-519-11	o	HARNESS, DP265-GND1
(TO DP-300 BOARD)			
(TO GND)			
HN115	1-959-738-11	o	HARNESS, SUB (CN9-DP300:9)
(TO CN9/CN-1779 BOARD)			
(TO CN9/DP-300 BOARD)			
HN116	1-959-739-11	o	HARNESS, SUB (CN10-DP300:10)
(TO CN10/CN-1779 BOARD)			
(TO CN10/DP-300 BOARD)			
HN117	- - -		
(TO CN11/CN-1779 BOARD)			
5pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-565-978-11	o	HOUSING, 6P
1pc	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
(TO CN11/DP-300 BOARD)			
5pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-565-978-11	o	HOUSING, 6P
1pc	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN118	- - -		
(TO CN4/CN-1779 BOARD)			
15pcs	1-694-364-11	o	CONTACT, FEMALE, AWG28-32
1pc	1-784-087-11	o	HOUSING, 15P
(TO CN1/KY-446 BOARD)			
15pcs	1-694-364-11	o	CONTACT, FEMALE, AWG28-32
1pc	1-784-087-11	o	HOUSING, 15P
HN119	1-958-517-11	o	HARNESS, KY-GND
(TO KY-446 BOARD)			
(TO GND)			
HN120	- - -		
(TO CN14/CN-1779 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-617-11	o	HOUSING, 2P
(TO SPEAKER)			
HN121	1-959-743-11	o	HARNESS, SUB (SHUTTLE-KY2)
(TO CN2/KY-446 BOARD)			
(TO CN2/SE-454 BOARD in JOG SHUTTLE DIAL)			
HN122	1-959-740-12	o	HARNESS, SUB (CN1-MB201)
(TO CN201/MB-838 BOARD)			
(TO CN1/CN-1779 BOARD)			
HN123	- - -		
(TO CN701/SV-206 BOARD)			
1pc	1-569-617-11	o	HOUSING, 2P
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
(TO DEW SENSOR)			

Ref. No. or Q'ty	Part No.	SP	Description
HN124	- - -		
(TO CN304/SV-206 BOARD)			
1pc	1-695-214-11	o	HOUSING, 15P
15pcs	1-695-215-11	o	CONTACT, FEMALE, AWG26-30
(TO S-REEL MOTOR)			
1pc	1-695-214-11	o	HOUSING, 15P
15pcs	1-695-215-11	o	CONTACT, FEMALE, AWG26-30
HN125	- - -		
(TO CN702/SV-206 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-617-11	o	HOUSING, 2P
(TO THREADING MOTOR)			
HN126	- - -		
(TO CN703/SV-206 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-617-11	o	HOUSING, 2P
(TO TAPE TOP SENSOR)			
HN127	- - -		
(TO CN707/SV-206 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-617-11	o	HOUSING, 2P
(TO FULL TOP SENSOR)			
HN128	- - -		
(TO CN704/SV-206 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-617-11	o	HOUSING, 2P
(TO TAPE END SENSOR)			
HN129	1-953-435-11	o	HARNESS, CAP-HN14
(TO CN201/SV-206 BOARD)			
(TO CAPSTAN MOTOR)			
HN130	- - -		
(TO CN401/SV-206 BOARD)			
4pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-619-11	o	HOUSING, 4P
(TO FULL ERASE HEAD & CTL HEAD)			
HN131	- - -		
(TO CN706/SV-206 BOARD)			
1pc	1-569-196-31	o	HOUSING, 3P
3pcs	1-569-193-11	o	CONTACT, FEMALE, AWG24-30
(TO PLUNGER)			
HN132	1-958-202-11	o	HARNESS, SV705-SR65
(TO CN705/SV-206 BOARD)			
(TO CN1/SR-65 BOARD)			
HN133	- - -		
(TO CN901/SV-206 BOARD)			
1pc	1-569-621-11	o	HOUSING, 12P
12pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
(TO CN901/MB-838 BOARD)			
1pc	1-569-621-11	o	HOUSING, 12P
12pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN134	1-793-312-11	o	WIRE, FLEXIBLE CARD (25P)
(TO CN301/SV-206 BOARD)			
(TO CN301/MB-838 BOARD)			
HN135	1-793-313-11	o	WIRE, FLEXIBLE CARD (25P)
(TO CN302/SV-206 BOARD)			
(TO CN302/MB-838 BOARD)			
HN136	1-793-314-11	o	WIRE, FLEXIBLE CARD (25P)
(TO CN303/SV-206 BOARD)			
(TO CN303/MB-838 BOARD)			

Ref. No. or Q'ty	Part No.	SP	Description
HN137	- - -		
(TO CN601/SV-206 BOARD)			
12pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P
(TO A/T HEAD)			
HN138	- - -		
(TO CN300/AU-262 BOARD)			
6pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-565-978-11	o	HOUSING, 6P
(TO A/T HEAD)			
HN139	- - -		
(TO CN8/HP-88 BOARD)			
8pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P
4pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
(TO CN8/MB-838 BOARD)			
8pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P
4pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN140	- - -		
(TO CN1/HP-88 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-617-11	o	HOUSING, 2P
(TO CN2/MB-838 BOARD)			
2pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-617-11	o	HOUSING, 2P
HN141	- - -		
(TO CN602/MB-838 BOARD)			
4pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-565-978-11	o	HOUSING, 6P
2pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
(TO CN101/CP-316 BOARD)			
4pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-565-978-11	o	HOUSING, 6P
2pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN142	1-958-203-11	o	HARNESS, CP600-MB600
(TO CN600/CP-316 BOARD)			
(TO CN600/MB-838 BOARD)			
HN143	- - -		
(TO CN601/CP-316 BOARD)			
8pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P
4pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
(TO CN601/MB-838 BOARD)			
8pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P
4pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN144	- - -		
(TO CN700/MB-838 BOARD)			
6pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-520-11	o	HOUSING, 10P
4pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
(TO CN700/CP-317 BOARD)			
6pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-520-11	o	HOUSING, 10P
4pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN145	- - -		
(TO CN701/MB-838 BOARD)			
10pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-520-11	o	HOUSING, 10P
(TO CN701/CP-317 BOARD)			
10pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-621-11	o	HOUSING, 12P

Ref. No. or Q'ty	Part No.	SP	Description
HN146	- - -		
(TO CN702/MB-838 BOARD)			
3pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-618-11	o	HOUSING, 3P
(TO CN702/CP-317 BOARD)			
3pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-618-11	o	HOUSING, 3P
HN147	- - -		
(TO CN704/MB-838 BOARD)			
5pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-620-11	o	HOUSING, 5P
(TO CN1000/AUX CONNECTOR)			
1pc	1-561-233-21	s	CONNECTOR, CIRCULAR 6P, FEMALE
HN148	- - -		
(TO CN1/CP-317 BOARD)			
1pc	1-562-253-00	o	HOUSING, IL-S 3P
3pcs	1-562-260-11	o	CONTACT, IL-S, FEMALE, AWG24-28
(TO CN4/MB-838 BOARD)			
1pc	1-569-617-11	o	HOUSING, 2P
2pcs	1-766-387-11	o	CONTACT, FEMALE, AWG28-26
HN149	- - -		
(TO CN2/RE-174 BOARD)			
8pcs	1-562-260-11	o	CONTACT, IL-S, FEMALE, AWG24-28
1pc	1-580-696-11	o	HOUSING, IL-S 9P
(TO DC-97 BOARD)			
HN150	- - -		
(TO CN1/RE-174 BOARD)			
1pc	1-562-256-00	o	HOUSING, IL-S 6P
6pcs	1-562-260-11	o	CONTACT, IL-S, FEMALE, AWG24-28
(TO CN4/CN-1662 BOARD)			
1pc	1-562-256-00	o	HOUSING, IL-S 6P
6pcs	1-562-260-11	o	CONTACT, IL-S, FEMALE, AWG24-28
HN151	- - -		
(TO CN5/RE-174 BOARD)			
3pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-618-11	o	HOUSING, 3P
(TO CN2/CN-1662 BOARD)			
3pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-618-11	o	HOUSING, 3P
HN152	- - -		
(TO CN3/CN-1662 BOARD)			
1pc	1-562-256-00	o	HOUSING, IL-S 6P
6pcs	1-562-260-11	o	CONTACT, IL-S, FEMALE, AWG24-28
(TO FL-251 BOARD)			
HN153	- - -		
(TO CN1/CN-1662 BOARD)			
3pcs	1-565-977-11	s	CONTACT, FEMALE, AWG28-32
1pc	1-569-618-11	o	HOUSING, 3P
(TO FL-251 BOARD)			
HN154	- - -		
(TO FL-251 BOARD)			
(TO GND)			
HN155	1-790-085-11	s	CABLE ASSEMBLY, COAXIAL, RED
HN156	1-790-916-11	o	CABLE ASSEMBLY, COAXIAL, YEL
HN157	1-790-915-11	o	CABLE ASSEMBLY, COAXIAL, ORG
HN158	(Please buy the FAN.)		
(TO CN3/CP-317 BOARD)			
1pc	1-569-196-31	o	HOUSING, 3P
3pcs	1-569-193-11	o	CONTACT, FEMALE, AWG24-30
(TO FAN)			

Ref. No. or Q'ty	Part No.	SP	Description
HN159	- - -		
(TO CN2/CP-317 BOARD)			
1pc	1-562-252-00	o	HOUSING, IL-S 2P
2pcs	1-562-260-11	o	CONTACT, IL-S, FEMALE, AWG24-28
(TO CN1001/DC OUT)			
1pc	1-565-072-11	s	CONNECTOR, CIRCULAR 4P, FEMALE

1-3-3. External Connectors List

Ref. No. or Q'ty	Part No.	SP	Description
AUDIO INPUT CH-1/CH-2			
	1-750-785-21	s	CONNECTOR, DUAL XLR 3P, MALE (For J model)
	1-750-786-21	s	CONNECTOR, DUAL XLR 3P, FEMALE (For UC model)
AUDIO OUTPUT 1/3, 2/4			
	1-750-785-21	s	CONNECTOR, DUAL XLR 3P, MALE (For UC model)
	1-750-786-21	s	CONNECTOR, DUAL XLR 3P, FEMALE (For J model)
AUX			
	1-561-233-21	s	CONNECTOR, CIRCULAR 6P, FEMALE
DC IN			
	1-564-603-11	s	CONNECTOR WITH DC SW, 4P, MALE
DC OUT			
	1-565-072-11	s	CONNECTOR, CIRCULAR 4P, FEMALE
MONITOR OUTPUT R/L			
	1-750-785-21	s	CONNECTOR, DUAL XLR 3P, MALE (For UC model)
	1-750-786-21	s	CONNECTOR, DUAL XLR 3P, FEMALE (For J model)
REMOTE			
	1-568-676-11	o	CONNECTOR, D-SUB 9P, FEMALE
SDI IN			
	1-784-240-11	s	CONVERT CONNECTOR, COAXIAL
SDI OUT 1			
	1-784-240-11	s	CONVERT CONNECTOR, COAXIAL
SDI OUT 2			
	1-784-240-11	s	CONVERT CONNECTOR, COAXIAL
TC IN/TC OUT			
	1-766-788-11	s	CONNECTOR, 2-BNC, FEMALE
VIDEO REF.IN/VIDEO INPUT/VIDEO OUTPUT 1			
	1-573-584-11	s	CONNECTOR, 3-BNC, FEMALE
VIDEO REF.IN(THRU-OUT)/VIDEO INPUT(THRU-OUT)/ VIDEO OUTPUT 2(SUPER)			
	1-573-584-11	s	CONNECTOR, 3-BNC, FEMALE

1-3-4. Each Board

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AFM-16 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -11			
*2:Board No. suffix -12			
1pc	A-8321-754-A	o	MOUNTED CIRCUIT BOARD, AFM-16
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C3	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C4	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C5	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C6	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C7	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C8	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C9	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C10	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C11	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C12	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C13	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C14	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C15	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C16	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C20	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C21	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C22 *2	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
*1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C23	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C24	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C25	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C26	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C42 *2	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
*1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C43	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C45	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C61	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C62	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C71	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C81	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C82	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C91	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C92	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C93	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C94	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C95	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C96	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C97	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C98	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C100	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C106	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C107	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C108	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C109	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C120	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C121	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C122	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C123	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C124	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C125	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C126	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

(AFM-16 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C127	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C128	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C131	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C132	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C133	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C134	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C151	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C152	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C161	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C162	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C202	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C203	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C204	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C211	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C212	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C213	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C214	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C216	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C218	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C219	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C221	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C230	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C241	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C242	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C302	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C303	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C304	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C310	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C311	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C312	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C313	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C314	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C316	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C317	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C319	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C321	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C330	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C341	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C342	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C402	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C403	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C404	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C411	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C412	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C413	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C415	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C416	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C418	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C420	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C421	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C422	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C430	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C432	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C441	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C442	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C443	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C502	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C503	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C504	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C510	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C511	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C512	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C513	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C515	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C516	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C518	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C520	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C530	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C532	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C541	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C600	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C601	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C602	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C603	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C604	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C605	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C606	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C607	1-135-072-21	s	TANTALUM, CHIP 0.22uF 10% 35V(3216)
C608	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C609	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C610	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C611	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
C612	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C613	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C620	1-163-989-11	s	CERAMIC, CHIP 0.033uF 10% 25V(2012)
C631	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C632	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C633	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C634	1-164-690-11	s	CERAMIC, CHIP 220pF 5% 50V (2012)
C635	1-115-417-11	s	CERAMIC, CHIP 2700pF 5% 25V (2012)
C636	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C637	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
C638	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C639	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C640	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C641	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C642	1-164-739-11	s	CERAMIC, CHIP 560pF 5% 50V (1608)
C643	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C644	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C645	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C646	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C647	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C648	1-164-690-11	s	CERAMIC, CHIP 220pF 5% 50V (2012)
C649	1-115-417-11	s	CERAMIC, CHIP 2700pF 5% 25V (2012)
C650	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C651	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C652	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
C653	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C654	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C655	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C656	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C657	1-164-739-11	s	CERAMIC, CHIP 560pF 5% 50V (1608)
C658	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C659	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C660	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C661	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C662	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C663	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
C664	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C665	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C666	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C667	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C668	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C669	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C672	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C673	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C674	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C675	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C676	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C677	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C678	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C679	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C680	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C681	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C682	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C683	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C684	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C685	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C686	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C700	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C701	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C702	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C703	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C704	1-135-072-21	s	TANTALUM, CHIP 0.22uF 10% 35V(3216)
C705	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V (3216)
C706	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C707	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C713	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C730	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C731	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C732	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C733	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C734	1-164-690-11	s	CERAMIC, CHIP 220pF 5% 50V (2012)
C735	1-115-417-11	s	CERAMIC, CHIP 2700pF 5% 25V (2012)
C736	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C737	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
C738	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C739	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C740	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C741	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C742	1-164-739-11	s	CERAMIC, CHIP 560pF 5% 50V (1608)
C743	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C744	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C745	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C746	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C747	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C748	1-164-690-11	s	CERAMIC, CHIP 220pF 5% 50V (2012)
C749	1-115-417-11	s	CERAMIC, CHIP 2700pF 5% 25V (2012)
C750	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C751	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C752	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
C753	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C754	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C755	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C756	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C757	1-164-739-11	s	CERAMIC, CHIP 560pF 5% 50V (1608)
C758	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C759	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C760	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C761	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C762	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C763	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C764	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C765	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C766	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C767	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C768	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C769	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C772	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C773	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C774	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C775	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C776	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C777	1-104-558-11	s	FILM, CHIP 0.039uF 5% 16V (3216)
C778	1-104-558-11	s	FILM, CHIP 0.039uF 5% 16V (3216)
C779	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C780	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C781	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C782	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C783	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C784	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C785	1-162-910-11	s	CERAMIC, CHIP 5pF 50V (1608)
C786	1-162-910-11	s	CERAMIC, CHIP 5pF 50V (1608)
C787	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C788	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V (3216)
C789	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C790	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C791	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V (3216)
C792	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C793	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C794	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C795	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C796	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C797	1-135-072-21	s	TANTALUM, CHIP 0.22uF 10% 35V(3216)
C798	1-135-072-21	s	TANTALUM, CHIP 0.22uF 10% 35V(3216)
C799	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C800	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C801	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C802	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C851 *2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C852 *2	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
CN22	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
D1	8-719-029-63	s	DIODE RD4.3UH
D2	8-719-029-63	s	DIODE RD4.3UH
D3	8-719-820-41	s	DIODE 1SS302
D4	8-719-820-41	s	DIODE 1SS302
D10	8-719-938-75	s	DIODE SB05-05CP
D11	8-719-938-75	s	DIODE SB05-05CP
D61	8-719-024-81	s	DIODE 1SS300
D62	8-719-024-81	s	DIODE 1SS300
D71	8-719-024-81	s	DIODE 1SS300
D81	8-719-024-81	s	DIODE 1SS300
D82	8-719-024-81	s	DIODE 1SS300
D131	8-719-820-41	s	DIODE 1SS302
D132	8-719-820-41	s	DIODE 1SS302

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Ref. No. or Q'ty	Part No.	SP	Description
D201	8-719-820-41	s	DIODE 1SS302
D241	8-719-820-41	s	DIODE 1SS302
D301	8-719-820-41	s	DIODE 1SS302
D341	8-719-820-41	s	DIODE 1SS302
D400	8-719-801-78	s	DIODE 1SS184
D401	8-719-820-41	s	DIODE 1SS302
D403	8-719-820-41	s	DIODE 1SS302
D440	8-719-801-78	s	DIODE 1SS184
D441	8-719-801-78	s	DIODE 1SS184
D442	8-719-801-78	s	DIODE 1SS184
D443	8-719-801-78	s	DIODE 1SS184
D500	8-719-801-78	s	DIODE 1SS184
D501	8-719-820-41	s	DIODE 1SS302
D503	8-719-820-41	s	DIODE 1SS302
D540	8-719-801-78	s	DIODE 1SS184
D541	8-719-801-78	s	DIODE 1SS184
D542	8-719-801-78	s	DIODE 1SS184
D543	8-719-801-78	s	DIODE 1SS184
D601	8-719-404-35	s	DIODE MA141WK
D602	8-719-820-41	s	DIODE 1SS302
D603	8-719-820-41	s	DIODE 1SS302
D620	8-719-024-81	s	DIODE 1SS300
D662	8-719-820-41	s	DIODE 1SS302
D700	8-719-404-35	s	DIODE MA141WK
D702	8-719-820-41	s	DIODE 1SS302
D703	8-719-820-41	s	DIODE 1SS302
D716	8-719-404-35	s	DIODE MA141WK
D762	8-719-820-41	s	DIODE 1SS302
FL21 *1	1-239-062-11	s	FILTER, LOW-PASS
FL22 *2	1-234-459-11	s	FILTER, LOW-PASS 800 kHz
FL41 *1	1-239-062-11	s	FILTER, LOW-PASS
FL42 *2	1-234-459-11	s	FILTER, LOW-PASS 800 kHz
FL601	1-236-015-11	s	FILTER, BANDPASS 540 kHz
FL602	1-236-012-11	s	FILTER, BANDPASS 310 kHz
FL603	1-236-013-11	s	FILTER, BANDPASS 540 kHz
FL702	1-236-012-11	s	FILTER, BANDPASS 310 kHz
FL703	1-236-013-11	s	FILTER, BANDPASS 540 kHz
FL762	1-236-003-11	s	FILTER, LOW-PASS
IC1	8-759-710-88	s	IC NJM431U
IC2	8-759-359-66	s	IC TL082CPW
IC3	8-729-036-15	s	TRANSISTOR SI6542DQ
IC4	8-759-196-96	s	IC TC7SH08FU
IC70	8-759-082-57	s	IC TC7W04FU
IC71	8-759-051-48	s	IC SN74HCT541APW
IC91	8-759-051-48	s	IC SN74HCT541APW
IC100	8-759-196-96	s	IC TC7SH08FU
IC102	8-759-497-38	s	IC LTC1458CG
IC103	8-759-082-59	s	IC TC7W32FU
IC104	8-759-523-04	s	IC TC74HC4538AFT
IC105	8-759-196-96	s	IC TC7SH08FU
IC106	8-759-082-59	s	IC TC7W32FU
IC107	8-759-196-97	s	IC TC7SH32FU
IC108	8-759-196-96	s	IC TC7SH08FU
IC120	8-759-523-96	s	IC TC74VHC86FT(EL)
IC121	8-759-196-96	s	IC TC7SH08FU
IC122	8-759-523-04	s	IC TC74HC4538AFT
IC123	8-759-083-94	s	IC TC7W74FU
IC124	8-759-523-04	s	IC TC74HC4538AFT

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Ref. No. or Q'ty	Part No.	SP	Description
IC125	8-759-523-78	s	IC TC74VHC00FT(EL)
IC130	8-759-271-84	s	IC TC7SH02FU
IC131	8-759-106-02	s	IC UPC4570G2
IC132	8-759-700-84	s	IC NJM2041M-D
IC201	8-759-440-71	s	IC NJM2119M
IC202	8-759-700-84	s	IC NJM2041M-D
IC203	8-759-588-04	s	IC SSM2018TS-REEL
IC205	8-759-700-84	s	IC NJM2041M-D
IC301	8-759-440-71	s	IC NJM2119M
IC302	8-759-700-84	s	IC NJM2041M-D
IC303	8-759-588-04	s	IC SSM2018TS-REEL
IC305	8-759-700-84	s	IC NJM2041M-D
IC401	8-759-440-71	s	IC NJM2119M
IC402	8-759-700-84	s	IC NJM2041M-D
IC403	8-759-588-04	s	IC SSM2018TS-REEL
IC404	8-759-700-84	s	IC NJM2041M-D
IC405	8-759-700-84	s	IC NJM2041M-D
IC406	8-759-700-84	s	IC NJM2041M-D
IC501	8-759-440-71	s	IC NJM2119M
IC502	8-759-700-84	s	IC NJM2041M-D
IC503	8-759-588-04	s	IC SSM2018TS-REEL
IC505	8-759-700-84	s	IC NJM2041M-D
IC506	8-759-700-84	s	IC NJM2041M-D
IC600	8-752-009-90	s	IC CX20099
IC601	8-759-564-49	s	IC TC7W53FU
IC602	8-759-093-04	s	IC AN3920S
IC603 *1	8-759-196-96	s	IC TC7SH08FU
IC608	8-759-093-06	s	IC AN3922S
IC609	8-759-093-06	s	IC AN3922S
IC662	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC663	8-759-700-84	s	IC NJM2041M-D
IC701	8-759-481-08	s	IC TC7SET02FU
IC702	8-759-093-04	s	IC AN3920S
IC704	8-759-359-66	s	IC TL082CPW
IC705	8-759-196-96	s	IC TC7SH08FU
IC707	8-759-260-53	s	IC LM2903PW
IC708	8-759-093-06	s	IC AN3922S
IC709	8-759-093-06	s	IC AN3922S
IC762	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC763	8-759-700-84	s	IC NJM2041M-D
IC851 *2	8-759-196-93	s	IC TC7SH00FU
L1	1-406-864-21	s	COIL, CHOKE 4.7uH
L2	1-406-864-21	s	COIL, CHOKE 4.7uH
L4	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L5	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L120	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L601	1-410-941-21	s	INDUCTOR, CHIP 560uH (4532)
L602	1-410-064-11	s	INDUCTOR 2.7mH
L603	1-410-941-21	s	INDUCTOR, CHIP 560uH (4532)
L604	1-410-064-11	s	INDUCTOR 2.7mH
L671	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L672	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L673	1-408-797-11	s	INDUCTOR, CHIP 470uH (4532)
L674	1-408-797-11	s	INDUCTOR, CHIP 470uH (4532)
L675	1-410-941-21	s	INDUCTOR, CHIP 560uH (4532)
L676	1-410-941-21	s	INDUCTOR, CHIP 560uH (4532)
L701	1-410-941-21	s	INDUCTOR, CHIP 560uH (4532)
L702	1-410-064-11	s	INDUCTOR 2.7mH

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Ref. No. or Q'ty	Part No.	SP	Description
L703	1-410-941-21	s	INDUCTOR, CHIP 560uH (4532)
L704	1-410-064-11	s	INDUCTOR 2.7mH
Q1	8-729-020-94	s	TRANSISTOR 2SA1314C
Q2	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q4	8-729-028-91	s	TRANSISTOR DTA144EUA
Q5	8-729-029-14	s	TRANSISTOR DTC144EUA
Q21	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q22	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q23	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q24	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q41	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q42	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q43	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q44	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q61	8-729-029-14	s	TRANSISTOR DTC144EUA
Q62	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q63	8-729-029-14	s	TRANSISTOR DTC144EUA
Q64	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q71	8-729-029-14	s	TRANSISTOR DTC144EUA
Q72	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q81	8-729-029-14	s	TRANSISTOR DTC144EUA
Q82	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q83	8-729-029-14	s	TRANSISTOR DTC144EUA
Q84	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q91	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q92	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q93	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q94	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q95	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q96	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q97	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q98	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q100	8-729-029-14	s	TRANSISTOR DTC144EUA
Q102	8-729-029-14	s	TRANSISTOR DTC144EUA
Q131	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q151	8-729-028-91	s	TRANSISTOR DTA144EUA
Q152	8-729-029-14	s	TRANSISTOR DTC144EUA
Q153	8-729-041-23	s	TRANSISTOR NDS356AP
Q154	8-729-041-24	s	TRANSISTOR NDS355AN
Q161	8-729-028-91	s	TRANSISTOR DTA144EUA
Q162	8-729-029-14	s	TRANSISTOR DTC144EUA
Q163	8-729-041-23	s	TRANSISTOR NDS356AP
Q164	8-729-041-24	s	TRANSISTOR NDS355AN
Q201	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q202	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q203	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q204	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q221	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q301	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q302	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q303	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q304	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q321	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q322	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q401	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q402	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q403	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q404	8-729-203-30	s	TRANSISTOR 2SJ106-Y

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Ref. No. or Q'ty	Part No.	SP	Description
Q405	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q406	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q407	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q408	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q409	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q421	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q501	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q502	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q503	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q504	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q505	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q506	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q507	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q508	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q509	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q521	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q522	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q600	8-729-029-14	s	TRANSISTOR DTC144EUA
Q601	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q602	8-729-028-91	s	TRANSISTOR DTA144EUA
Q603	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q604	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q605	8-729-029-14	s	TRANSISTOR DTC144EUA
Q620	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q662	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q663	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q670 *1	8-729-028-91	s	TRANSISTOR DTA144EUA
Q672	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q673	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q674	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q675	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q676	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q677 *1	8-729-041-23	s	TRANSISTOR NDS356AP
Q678 *1	8-729-041-24	s	TRANSISTOR NDS355AN
Q701	8-729-028-91	s	TRANSISTOR DTA144EUA
Q702	8-729-029-14	s	TRANSISTOR DTC144EUA
Q705	8-729-029-14	s	TRANSISTOR DTC144EUA
Q762	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q763	8-729-203-30	s	TRANSISTOR 2SJ106-Y
R1	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R2	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R3	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R4	1-216-864-11	s	METAL, CHIP 0 (1608)
R5	1-216-864-11	s	METAL, CHIP 0 (1608)
R6	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R7	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R8	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R9	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R10	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R11	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R12	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R13	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R14	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R15	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R16	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R17	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R18	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R19	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R20	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R21	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R22	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R23 *2	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
*1	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R24 *2	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
*1	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R25	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R26	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R27	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R28	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R29	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R30	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R31	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R32	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R33	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R37	1-216-864-11	s	METAL, CHIP 0 (1608)
R41	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R42	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R43 *2	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
*1	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R44 *2	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
*1	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R45	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R46	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R47	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R48	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R49	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R50	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R51	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R52	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R53	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R60	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R61	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R62	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R63	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R64	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R65	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R66	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R67	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R68	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R69	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R70	1-216-864-11	s	METAL, CHIP 0 (1608)
R71	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R72	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R73	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R74	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R75	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R81	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R82	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R83	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R84	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R85	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R86	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R91	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R92	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R93	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R94	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R95	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R96	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R97	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R98	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R100	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R101	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R102	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R103	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R104	1-216-864-11	s	METAL, CHIP 0 (1608)
R105	1-216-864-11	s	METAL, CHIP 0 (1608)
R106	1-216-864-11	s	METAL, CHIP 0 (1608)
R107	1-216-864-11	s	METAL, CHIP 0 (1608)
R111	1-218-683-11	s	METAL, CHIP 430 0.5% 1/16W (1608)
R113	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R114	1-216-864-11	s	METAL, CHIP 0 (1608)
R115	1-216-864-11	s	METAL, CHIP 0 (1608)
R116	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R117	1-216-864-11	s	METAL, CHIP 0 (1608)
R118	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R119	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R120	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R121	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R122	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R123	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R124	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R125	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R126	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R127	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R128	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R129	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R130	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R131	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R132	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R133	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R134	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R135	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R136	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R137	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R138	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R139	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R140	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R141	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R142	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R143	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R144	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R145	1-216-864-11	s	METAL, CHIP 0 (1608)
R147	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R148	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R149	1-216-864-11	s	METAL, CHIP 0 (1608)
R150	1-216-864-11	s	METAL, CHIP 0 (1608)
R151	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R152	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R153	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R154	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R155	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R156	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R157	1-216-864-11	s	METAL, CHIP 0 (1608)
R161	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R162	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R163	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R164	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R201	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R203	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R204	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R205	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R206	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R207	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R209	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R210	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R211	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R212	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R213	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R214	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R215	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R216	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R217	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R218	1-218-731-11	s	METAL, CHIP 43K 0.5% 1/16W (1608)
R219	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R220	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R223	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R226	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R235	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R236	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R237	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R238	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R239	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R241	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R242	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R243	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R244	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R245	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R246	1-216-864-11	s	METAL, CHIP 0 (1608)
R247	1-216-864-11	s	METAL, CHIP 0 (1608)
R248	1-216-864-11	s	METAL, CHIP 0 (1608)
R301	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R303	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R304	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R305	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R306	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R307	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R309	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R310	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R311	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R312	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R313	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R314	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R315	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R316	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R317	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R318	1-218-731-11	s	METAL, CHIP 43K 0.5% 1/16W (1608)
R319	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R320	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R321	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R323	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R324	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R325	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R326	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R335	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R336	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R337	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R338	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R339	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R341	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R342	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R343	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R344	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R345	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R346	1-216-864-11	s	METAL, CHIP 0 (1608)
R347	1-216-864-11	s	METAL, CHIP 0 (1608)
R348	1-216-864-11	s	METAL, CHIP 0 (1608)
R401	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R403	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R404	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R405	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R406	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R407	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R409	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R410	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R411	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R412	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R413	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R414	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R415	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R416	1-218-731-11	s	METAL, CHIP 43K 0.5% 1/16W (1608)
R417	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R421	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R422	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R426	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R432	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R434	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R435	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R436	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R437	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R438	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R439	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R441	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R442	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R443	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R444	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R446	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R453	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R454	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R455	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R456	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R457	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R458	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R459	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R460	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R461	1-216-864-11	s	METAL, CHIP 0 (1608)
R462	1-216-864-11	s	METAL, CHIP 0 (1608)
R463	1-216-864-11	s	METAL, CHIP 0 (1608)
R464	1-216-864-11	s	METAL, CHIP 0 (1608)
R501	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R503	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R504	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R505	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R506	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R507	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R509	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R510	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R511	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R512	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R513	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R514	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R515	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R516	1-218-731-11	s	METAL, CHIP 43K 0.5% 1/16W (1608)
R517	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R521	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R522	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R523	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R524	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R525	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R526	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R532	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R534	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R535	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R536	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R537	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R538	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R539	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R541	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R542	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R543	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R544	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R546	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R552	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R553	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R554	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R555	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R556	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R557	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R558	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R559	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R561	1-216-864-11	s	METAL, CHIP 0 (1608)
R562	1-216-864-11	s	METAL, CHIP 0 (1608)
R563	1-216-864-11	s	METAL, CHIP 0 (1608)
R564	1-216-864-11	s	METAL, CHIP 0 (1608)
R565	1-216-864-11	s	METAL, CHIP 0 (1608)
R566	1-216-864-11	s	METAL, CHIP 0 (1608)
R601	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R602	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R603	1-216-864-11	s	METAL, CHIP 0 (1608)
R604	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R605	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R606	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R607	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R608	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R609	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R610	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R611	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R612	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R613	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R614	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R615	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R616	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R617 *1	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R620	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R621	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R622	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R623	1-216-864-11	s	METAL, CHIP 0 (1608)
R625	1-216-864-11	s	METAL, CHIP 0 (1608)
R631	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R632	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R633	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R634	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R635	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R636	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R637	1-218-741-11	s	METAL, CHIP 110K 0.5% 1/16W (1608)
R638	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R639	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R640	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R641	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R642	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R643	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R644	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R645	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R646	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R647	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R648	1-218-741-11	s	METAL, CHIP 110K 0.5% 1/16W (1608)
R649	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R650	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R651	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R652	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R653	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R654	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R655	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R656	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R657	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R662	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R663	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R664	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R665	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R666	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R667	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R668	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R669	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R670	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R671	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R672	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R673	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R674	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R675	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R676	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R677	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R678	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R679	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R680	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R681	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R682	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R683	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R684	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R685	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R686	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R687	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R688	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R689	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R690	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R691	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R692	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R693	1-218-661-11	s	METAL, CHIP 51 0.5% 1/16W (1608)
R694 *1	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R695 *1	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R701	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R702	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R703	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R704	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R705	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R706	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R707	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R708	1-218-717-11	s	METAL, CHIP 11K 0.5% 1/16W (1608)
R709	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R710	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R711	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R712	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R713	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R714	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R715	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R716	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R717	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R718	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R719	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R720	1-218-750-11	s	METAL, CHIP 270K 0.5% 1/16W (1608)
R721	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R730	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R731	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R732	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R733	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R734	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R735	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R736	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R737	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R738	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R739	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R740	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R741	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R742	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R743	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R744	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R745	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R746	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R747	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R748	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R749	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R750	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R751	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R752	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R753	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R754	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R755	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R762	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R763	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R764	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R765	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R766	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R767	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R768	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R769	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R770	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R771	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R772	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R773	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R774	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R775	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R776	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R779	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R780	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R781	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R782	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R783	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R784	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R785	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R786	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R787	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R788	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R789	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R790	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R791	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R792	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R793	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R794	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R795	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R796	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R797	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R798	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R799	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R800	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R801	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R802	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R803	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R804	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R805	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R813	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R814	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R815	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R816	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R851 *2	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R852 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
RB72	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB91	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB92	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB451	1-239-389-11	s	RES, NETWORK, CHIP 47Kx4 (3216)
RB551	1-239-389-11	s	RES, NETWORK, CHIP 47Kx4 (3216)
RV21	1-237-039-11	s	RES, ADJ, CHIP CERMET 100K
RV41	1-237-039-11	s	RES, ADJ, CHIP CERMET 100K
RV131	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV201	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV301	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV401	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV501	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV601	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV602	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV603	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV662	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV663	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K

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Ref. No. or Q'ty	Part No.	SP	Description
RV701	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV702	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV703	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV762	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV763	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV801	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV802	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV803	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV804	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
S701	1-692-881-41	s	SWITCH, SLIDE
TH201	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP
TH301	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP
TH401	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP
TH501	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP

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Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -11			
*2:Board No. suffix -12			
1pc	A-8321-756-A	o	MOUNTED CIRCUIT BOARD, APR-42
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C1	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C2	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C6	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C7	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C8	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C9	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C10	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C12	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C13 *1	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C14 *1	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C15 *1	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C16 *1	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C100	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C101	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C102	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C103	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C104	1-115-672-11	s	ELECT 10uF 20% 35V
C105	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C106	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C107	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C108	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C110	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C111	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C112	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C113	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C115	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C116	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C117	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C118	1-115-672-11	s	ELECT 10uF 20% 35V
C119	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C124	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C126	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C127	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C128	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C166	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C167	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C200	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C201	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C202	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C203	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C204	1-115-672-11	s	ELECT 10uF 20% 35V
C205	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C206	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C207	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C208	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C209	1-115-154-11	s	ELECT, CHIP 10uF 20% 16V
C210	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C211	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C213	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C215	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C216	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C217	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C218	1-115-672-11	s	ELECT 10uF 20% 35V

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Ref. No. or Q'ty	Part No.	SP	Description
C219	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C224	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C225	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C227	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C228	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C300	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C301	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C302	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C303	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C304	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C305	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C306	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C307	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C308	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C309	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C310	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C311	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C312	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C313	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C314	1-164-690-11	s	CERAMIC, CHIP 22OOpF 5% 50V (2012)
C315	1-164-690-11	s	CERAMIC, CHIP 22OOpF 5% 50V (2012)
C316	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C317	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C318	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C319	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C320	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C321	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C322	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C323	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C324	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C325	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C326	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C327	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C328	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C329	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C330	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C331	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C332	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C333	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C334	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C335	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C336	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C337	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C338	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C370	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C371	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C400	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C401	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C402	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C403	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C404	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C405	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C406	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C407	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C408	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C409	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C410	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C411	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C412	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C413	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C414	1-164-690-11	s	CERAMIC, CHIP 2200pF 5% 50V (2012)
C415	1-164-690-11	s	CERAMIC, CHIP 2200pF 5% 50V (2012)
C416	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C417	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C418	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C419	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C420	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C421	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C422	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C423	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C424	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C425	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C426	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C427	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C428	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C429	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C430	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C431	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C432	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C433	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C434	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C500	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C501	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C502	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C503	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C504	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C505	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C506	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C507	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C508	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C509	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C510	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C511	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C512	1-104-553-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
C513	1-104-553-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
C514	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C515	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C516	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C517	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C518	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C519	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C520	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C521	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C522	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C523	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C524	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C525	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C526	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C527	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C528	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C529	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C530	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C531	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
C532	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C533	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C534	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C535	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C536	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C537	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C538	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C539	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C540	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C600	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C601	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C602	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C603	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C604	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C605	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C606	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C607	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C608	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C609	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C610	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C611	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C612	1-104-553-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
C613	1-104-553-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
C614	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C615	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C616	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C617	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C618	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C619	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C620	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C621	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C622	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C623	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C624	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C625	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C626	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C627	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C628	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C629	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C630	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C631	1-162-966-11	s	CERAMIC, CHIP 2200pF 10% 50V (1608)
C632	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C633	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C634	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C635	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C636	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C637	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C638	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C639	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C640	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C641	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C642	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C643	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C700	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C701	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C702	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C703	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C704	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C705	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C706	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C707	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C708	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C709	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C710	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C711	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C712	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C713	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C714	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C715	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C716	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C717	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C718	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C719	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C720	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C721	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C722	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C723	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C724	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C725	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C726	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C727	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C728	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C729	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C730	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C731	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C732	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C733	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C800	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C801	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C802	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C803	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C804	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C806	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C807	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C808	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C809	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C810	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C811	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C812	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C813	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C814	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C815	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C816	1-107-688-11	s	TANTALUM, CHIP 1.5uF 20% 25V (3216)
C817	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C818	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C819	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C820	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C821	*1 1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C822	*1 1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C823	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C824	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
CN32	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
D100	8-719-801-78	s	DIODE 1SS184
D101	8-719-801-78	s	DIODE 1SS184
D102	8-719-801-78	s	DIODE 1SS184
D103	8-719-801-78	s	DIODE 1SS184
D104	8-719-801-78	s	DIODE 1SS184
D105	8-719-801-78	s	DIODE 1SS184
D106	8-719-801-78	s	DIODE 1SS184
D107	8-719-801-78	s	DIODE 1SS184
D108	8-719-801-78	s	DIODE 1SS184
D109	8-719-801-78	s	DIODE 1SS184

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Ref. No. or Q'ty	Part No.	SP	Description
D110	8-719-801-78	s	DIODE 1SS184
D111	8-719-801-78	s	DIODE 1SS184
D112	8-719-820-41	s	DIODE 1SS302
D113	8-719-801-78	s	DIODE 1SS184
D114	8-719-801-78	s	DIODE 1SS184
D115	8-719-820-41	s	DIODE 1SS302
D200	8-719-801-78	s	DIODE 1SS184
D201	8-719-801-78	s	DIODE 1SS184
D202	8-719-801-78	s	DIODE 1SS184
D203	8-719-801-78	s	DIODE 1SS184
D204	8-719-801-78	s	DIODE 1SS184
D205	8-719-801-78	s	DIODE 1SS184
D206	8-719-801-78	s	DIODE 1SS184
D207	8-719-801-78	s	DIODE 1SS184
D208	8-719-801-78	s	DIODE 1SS184
D209	8-719-801-78	s	DIODE 1SS184
D210	8-719-801-78	s	DIODE 1SS184
D211	8-719-801-78	s	DIODE 1SS184
D212	8-719-820-41	s	DIODE 1SS302
D213	8-719-801-78	s	DIODE 1SS184
D214	8-719-801-78	s	DIODE 1SS184
D215	8-719-820-41	s	DIODE 1SS302
D300	8-719-820-41	s	DIODE 1SS302
D301	8-719-820-41	s	DIODE 1SS302
D500	8-719-941-09	s	DIODE DAP202U
D501	8-719-941-09	s	DIODE DAP202U
D600	8-719-024-81	s	DIODE 1SS300
D601	8-719-024-81	s	DIODE 1SS300
D700	8-719-404-35	s	DIODE MA141WK
D800	8-719-029-63	s	DIODE RD4.3UH
D801	8-719-029-63	s	DIODE RD4.3UH
D802	8-719-029-63	s	DIODE RD4.3UH
IC1	8-759-700-84	s	IC NJM2041M-D
IC3	8-759-497-38	s	IC LTC1458CG
IC4	*1 8-729-045-28	s	TRANSISTOR SI4532DY
IC5	*1 8-759-485-79	s	IC TC7SET08FU
IC6	*1 8-759-082-59	s	IC TC7W32FU
IC7	*1 8-759-523-04	s	IC TC74HC4538AFT
IC8	*1 8-759-271-86	s	IC TC7SH04FU
IC100	8-759-440-71	s	IC NJM2119M
IC101	8-759-700-84	s	IC NJM2041M-D
IC102	8-759-588-04	s	IC SSM2018TS-REEL
IC103	8-759-440-71	s	IC NJM2119M
IC104	8-759-700-84	s	IC NJM2041M-D
IC105	8-759-588-04	s	IC SSM2018TS-REEL
IC153	8-759-167-20	s	IC UPD42280GU-30
IC200	8-759-440-71	s	IC NJM2119M
IC201	8-759-700-84	s	IC NJM2041M-D
IC202	8-759-588-04	s	IC SSM2018TS-REEL
IC203	8-759-440-71	s	IC NJM2119M
IC204	8-759-700-84	s	IC NJM2041M-D
IC205	8-759-588-04	s	IC SSM2018TS-REEL
IC300	8-759-196-96	s	IC TC7SH08FU
IC301	8-759-196-96	s	IC TC7SH08FU
IC302	8-759-050-53	s	IC SN74HCT08APW
IC303	8-759-536-23	s	IC AK4324-VF-E2
IC304	8-759-700-84	s	IC NJM2041M-D
IC305	8-759-700-84	s	IC NJM2041M-D

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Ref. No. or Q'ty	Part No.	SP	Description
IC306	8-759-700-84	s	IC NJM2041M-D
IC307	8-759-700-84	s	IC NJM2041M-D
IC308	8-759-082-58	s	IC TC7W08FU
IC309	8-759-082-57	s	IC TC7W04FU
IC310	8-759-082-57	s	IC TC7W04FU
IC400	8-759-485-79	s	IC TC7SET08FU
IC403	8-759-536-23	s	IC AK4324-VF-E2
IC404	8-759-700-84	s	IC NJM2041M-D
IC405	8-759-700-84	s	IC NJM2041M-D
IC406	8-759-700-84	s	IC NJM2041M-D
IC407	8-759-700-84	s	IC NJM2041M-D
IC500	8-759-700-84	s	IC NJM2041M-D
IC501	8-759-700-84	s	IC NJM2041M-D
IC502	8-759-700-84	s	IC NJM2041M-D
IC503	8-759-700-84	s	IC NJM2041M-D
IC504	8-759-462-08	s	IC AK5352-VF
IC505	8-759-196-96	s	IC TC7SH08FU
IC600	8-759-700-84	s	IC NJM2041M-D
IC601	8-759-700-84	s	IC NJM2041M-D
IC602	8-759-700-84	s	IC NJM2041M-D
IC603	8-759-700-84	s	IC NJM2041M-D
IC604	8-759-462-08	s	IC AK5352-VF
IC605	8-759-050-53	s	IC SN74HCT08APW
IC606	8-759-447-77	s	IC TC7WH74FU
IC607	8-759-196-96	s	IC TC7SH08FU
IC700	8-759-485-79	s	IC TC7SET08FU
IC701	8-759-485-79	s	IC TC7SET08FU
IC702	8-759-524-28	s	IC TC74VHC245FT(EL)
IC703	8-759-082-59	s	IC TC7W32FU
IC704	8-759-049-80	s	IC SN74HC541APW
IC705	8-759-196-96	s	IC TC7SH08FU
IC706	8-759-524-28	s	IC TC74VHC245FT(EL)
IC707	8-759-524-28	s	IC TC74VHC245FT(EL)
IC708	8-759-485-79	s	IC TC7SET08FU
IC709	8-759-485-79	s	IC TC7SET08FU
IC710	8-759-524-07	s	IC TC74VHC138FT(EL)
IC711	8-752-381-56	s	IC CXD1095AR
IC712	8-752-381-56	s	IC CXD1095AR
IC713	8-759-485-79	s	IC TC7SET08FU
IC714	8-759-051-48	s	IC SN74HCT541APW
IC715	8-759-051-48	s	IC SN74HCT541APW
IC716	8-759-051-48	s	IC SN74HCT541APW
*1 IC717	8-759-271-84	s	IC TC7SH02FU
IC800	8-759-497-44	s	IC TC7WH125FU
IC801	8-759-710-88	s	IC NJM431U
IC802	8-759-447-77	s	IC TC7WH74FU
IC803	8-759-485-79	s	IC TC7SET08FU
IC804	8-759-359-66	s	IC TL082CPW
IC805	8-759-359-66	s	IC TL082CPW
*1 IC806	8-729-036-15	s	TRANSISTOR SI6542DQ
IC807	8-752-378-49	s	IC CXD206-123R
IC808	8-759-196-96	s	IC TC7SH08FU
IC810	8-759-196-96	s	IC TC7SH08FU
L370	1-412-170-11	s	INDUCTOR, CHIP 0.47uH (3225)
L600	1-412-170-11	s	INDUCTOR, CHIP 0.47uH (3225)
L700	1-412-170-11	s	INDUCTOR, CHIP 0.47uH (3225)
L800	1-406-864-21	s	COIL, CHOKE 4.7uH
L801	1-406-864-21	s	COIL, CHOKE 4.7uH

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Ref. No. or Q'ty	Part No.	SP	Description
Q1	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
*1 Q2	8-729-029-14	s	TRANSISTOR DTC144EUA
*1 Q3	8-729-028-91	s	TRANSISTOR DTA144EUA
*1 Q5	8-729-029-14	s	TRANSISTOR DTC144EUA
Q6	8-729-029-14	s	TRANSISTOR DTC144EUA
Q100	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q101	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q102	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q103	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q104	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q105	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q106	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q107	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q108	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q109	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q110	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q111	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q112	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q113	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q114	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q115	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q200	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q201	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q202	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q203	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q204	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q205	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q206	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q207	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q208	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q209	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q210	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q211	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q212	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q213	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q214	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q215	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q300	8-729-028-91	s	TRANSISTOR DTA144EUA
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q303	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q304	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q305	8-729-029-14	s	TRANSISTOR DTC144EUA
Q306	8-729-029-14	s	TRANSISTOR DTC144EUA
Q307	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q308	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q309	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q310	8-729-029-14	s	TRANSISTOR DTC144EUA
Q311	8-729-029-14	s	TRANSISTOR DTC144EUA
Q400	8-729-028-91	s	TRANSISTOR DTA144EUA
Q401	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q402	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q403	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q404	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q405	8-729-029-14	s	TRANSISTOR DTC144EUA
Q406	8-729-029-14	s	TRANSISTOR DTC144EUA
Q407	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q408	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q409	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6

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Ref. No. or Q'ty	Part No.	SP	Description
Q500	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q501	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q502	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q503	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q504	8-729-029-14	s	TRANSISTOR DTC144EUA
Q600	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q601	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q602	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q603	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q700	8-729-044-07	o	TRANSISTOR SI3443DV
Q701	8-729-029-14	s	TRANSISTOR DTC144EUA
Q702	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q703	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q704	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q705	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q706	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q707	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q708	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q709	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q710	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q711	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q712	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q713	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q714	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q715	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q716	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q717	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q718	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q719	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q720	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q721	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q722	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q723	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q724	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q725	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q726	8-729-029-14	s	TRANSISTOR DTC144EUA
Q800	8-729-020-94	s	TRANSISTOR 2SA1314C
Q801	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q802	8-729-141-48	s	TRANSISTOR 2SB624-BV345
Q803	*1 8-729-029-14	s	TRANSISTOR DTC144EUA
Q804	*1 8-729-028-91	s	TRANSISTOR DTA144EUA
Q805	*1 8-729-029-14	s	TRANSISTOR DTC144EUA
R1	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R2	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R3	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R4	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R5	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R6	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R7	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R8	1-216-864-11	s	METAL, CHIP 0 (1608)
R9	1-216-864-11	s	METAL, CHIP 0 (1608)
R10	1-216-864-11	s	METAL, CHIP 0 (1608)
R11	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R12	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R13	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R14	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R15	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R16	*1 1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R17	*1 1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R18	*1 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R19	1-218-683-11	s	METAL, CHIP 430 0.5% 1/16W (1608)
R20	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R21	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R22	1-216-864-11	s	METAL, CHIP 0 (1608)
R23	1-216-864-11	s	METAL, CHIP 0 (1608)
R24	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R25	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R26	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R27	*1 1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R28	*1 1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R29	*1 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R30	*1 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R31	*1 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R32	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R33	1-216-864-11	s	METAL, CHIP 0 (1608)
R34	*1 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R36	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R37	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R38	*1 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R39	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R41	1-216-864-11	s	METAL, CHIP 0 (1608)
R43	1-216-864-11	s	METAL, CHIP 0 (1608)
R100	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R101	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R102	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R103	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R104	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R105	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R106	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R110	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R111	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R118	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R119	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R121	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R122	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R123	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R124	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R125	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R126	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R128	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R129	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R130	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R131	1-218-715-11	s	METAL, CHIP 9.1K 0.5% 1/16W (1608)
R132	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R133	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R134	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R135	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R136	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R137	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R138	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R139	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R140	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R141	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R142	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R143	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R144	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R148	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R149	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R153	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R155	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R156	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R157	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R159	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R160	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R161	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R162	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R163	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R164	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R166	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R167	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R168	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R169	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R170	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R171	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R172	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R173	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R174	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R175	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R176	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R177	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R178	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R179	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R180	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R200	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R201	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R202	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R203	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R204	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R205	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R206	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R211	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R217	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R218	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R219	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R221	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R222	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R223	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R224	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R225	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R226	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R228	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R229	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R230	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R231	1-218-715-11	s	METAL, CHIP 9.1K 0.5% 1/16W (1608)
R232	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R233	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R234	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R235	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R236	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R238	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R239	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R240	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R241	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R242	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R243	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R244	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R246	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R249	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R251	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R253	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R255	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R256	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R257	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R259	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R260	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R261	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R262	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R263	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R264	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R266	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R267	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R268	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R269	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R270	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R271	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R272	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R273	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R274	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R275	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R276	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R277	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R278	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R279	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R280	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R281	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R282	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R283	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R300	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R301	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R302	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R303	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R304	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R305	1-216-864-11	s	METAL, CHIP 0 (1608)
R306	1-216-864-11	s	METAL, CHIP 0 (1608)
R307	1-216-864-11	s	METAL, CHIP 0 (1608)
R308	1-216-864-11	s	METAL, CHIP 0 (1608)
R309	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R311	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R312	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R313	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R314	1-216-864-11	s	METAL, CHIP 0 (1608)
R315	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R316	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R317	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R318	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R319	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R320	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R321	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R322	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R323	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R324	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R325	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R326	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R327	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R328	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R329	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R330	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R331	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R332	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)
R333	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)
R334	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R335	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R336	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R337	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R338	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R339	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R340	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R341	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R342	1-218-735-11	s	METAL, CHIP 62K 0.5% 1/16W (1608)
R343	1-218-735-11	s	METAL, CHIP 62K 0.5% 1/16W (1608)
R344	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R345	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R346	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R347	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R348	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R349	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R350	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R351	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R352	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R353	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R354	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R355	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R356	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R357	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R358	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R359	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R360	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R361	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R362	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R363	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R364	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R365	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R366	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R367	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R368	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R369	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R370	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R400	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R401	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R402	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R403	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R404	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R405	1-216-864-11	s	METAL, CHIP 0 (1608)
R406	1-216-864-11	s	METAL, CHIP 0 (1608)
R407	1-216-864-11	s	METAL, CHIP 0 (1608)
R408	1-216-864-11	s	METAL, CHIP 0 (1608)
R409	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R411	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R412	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R413	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R414	1-216-864-11	s	METAL, CHIP 0 (1608)
R415	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R416	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R417	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R418	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R419	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R420	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R421	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R422	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R423	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R424	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R425	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R426	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R427	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R428	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R429	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R430	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R431	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R432	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)
R433	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)
R434	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R435	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R436	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R437	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R438	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R439	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R440	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R441	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R442	1-218-735-11	s	METAL, CHIP 62K 0.5% 1/16W (1608)
R443	1-218-735-11	s	METAL, CHIP 62K 0.5% 1/16W (1608)
R444	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R445	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R446	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R447	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R448	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R449	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R450	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R451	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R452	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R453	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R454	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R455	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R456	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R457	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R458	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R459	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R460	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R461	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R462	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R463	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R464	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R500	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R501	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R502	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R503	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R504	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R505	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R506	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R507	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R508	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R509	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R510	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R511	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R512	1-218-693-11	s	METAL, CHIP 1.1K 0.5% 1/16W (1608)
R513	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R514	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R515	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R516	1-218-693-11	s	METAL, CHIP 1.1K 0.5% 1/16W (1608)
R517	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R518	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R519	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R520	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R521	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R522	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R523	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R524	1-216-864-11	s	METAL, CHIP 0 (1608)
R525	1-216-864-11	s	METAL, CHIP 0 (1608)
R526	1-216-864-11	s	METAL, CHIP 0 (1608)
R527	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R528	1-216-864-11	s	METAL, CHIP 0 (1608)
R529	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R530	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R531	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R532	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R533	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R534	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R535	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R536	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R537	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R538	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R539	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R540	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R541	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R542	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R543	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R544	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R545	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R546	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R547	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R548	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R549	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R550	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R551	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R552	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R553	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R554	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R555	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R556	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R557	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R558	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R559	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R560	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R561	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R562	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R563	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R564	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R565	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R566	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R569	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R570	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R571	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R572	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R600	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R601	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R602	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R603	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R604	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R605	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R606	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R607	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R608	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R609	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R610	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R611	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R612	1-218-693-11	s	METAL, CHIP 1.1K 0.5% 1/16W (1608)
R613	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R614	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R615	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R616	1-218-693-11	s	METAL, CHIP 1.1K 0.5% 1/16W (1608)
R617	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R618	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R619	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R620	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R621	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R622	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R623	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R624	1-216-864-11	s	METAL, CHIP 0 (1608)
R625	1-216-864-11	s	METAL, CHIP 0 (1608)
R626	1-216-864-11	s	METAL, CHIP 0 (1608)
R627	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R628	1-216-864-11	s	METAL, CHIP 0 (1608)
R629	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R630	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R631	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R632	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R633	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R634	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R635	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R636	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R637	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R638	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R639	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R640	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R641	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R642	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R643	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R644	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R645	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R646	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R647	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R648	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R649	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R650	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R651	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R652	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R653	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R654	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R655	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R656	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R657	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R658	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R659	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R660	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R661	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R662	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R663	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R664	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R665	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R666	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R669	1-216-864-11	s	METAL, CHIP 0 (1608)
R670	1-216-864-11	s	METAL, CHIP 0 (1608)
R671	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R672	1-216-864-11	s	METAL, CHIP 0 (1608)
R673	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R674	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R675	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R676	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R677	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R700	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R701	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R702	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R703	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R704	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R705	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R706	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R707	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R708	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R709	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R710	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R711	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R712	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R713	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R714	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R715	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R716	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R717	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R718	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R719	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R720	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R721	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R722	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R723	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R724	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R725	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R726	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R727	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R728	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R729	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R730	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R731	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R732	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R733	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R734	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R735	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R736	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R737	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R738	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R739	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R740	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R741	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R742	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R743	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R744	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R745	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R746	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R747	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R748	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R749	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R750	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R751	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R752	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R753	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R754	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R755	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R756	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R757	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R758	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R760	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R800	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R801	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R802	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R804	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R805	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R806	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R807	1-216-864-11	s	METAL, CHIP 0 (1608)
R808	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R809	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R810	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R812	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R813	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R814	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R815	*1 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R816	*1 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R817	*1 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R818	*1 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R819	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R820	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R821	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R822	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R823	*2 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R824	*2 1-216-864-11	s	METAL, CHIP 0 (1608)
R825	*2 1-216-864-11	s	METAL, CHIP 0 (1608)
RB700	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB701	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB702	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB703	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB704	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB705	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB706	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB707	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB708	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB709	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB710	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB711	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB712	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB713	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB714	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB715	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
RB716	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB717	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB718	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB719	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB720	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB721	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB722	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB723	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB724	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB725	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB726	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB728	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB729	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB730	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB732	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB733	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB734	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB736	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB737	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB738	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB739	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB740	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB741	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB742	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB801	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB802 *1	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB803	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RV100	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV101	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV200	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV201	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV300	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV301	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV400	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV401	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
S800	1-692-881-41	s	SWITCH, SLIDE
TH1 *2	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP
TH100	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP
TH101	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP
TH200	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP
TH201	1-810-106-11	s	THERMISTOR, POSITIVE, CHIP

AU-262 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -11			
*2:Board No. suffix -12			
1pc	A-8321-758-A	o	MOUNTED CIRCUIT BOARD, AU-262
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C100	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C101	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C102	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C103	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C104	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C105	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C106	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C107	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C108	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C109	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C110	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C111	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C112	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C113	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C114	1-104-561-11	s	FILM, CHIP 0.068uF 5% 16V (3225)
C115	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C116	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C117	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C118	1-104-543-11	s	FILM, CHIP 0.0022uF 5% 50V (2012)
C119	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C120	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C121	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C122	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C123	1-104-557-11	s	FILM, CHIP 0.033uF 5% 16V (3216)
C124	1-104-563-11	s	FILM, CHIP 0.1uF 5% 16V (3225)
C125	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C126	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C127	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C128	1-104-543-11	s	FILM, CHIP 0.0022uF 5% 50V (2012)
C129	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C130	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C131	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C132	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C133	1-104-557-11	s	FILM, CHIP 0.033uF 5% 16V (3216)
C134	1-104-563-11	s	FILM, CHIP 0.1uF 5% 16V (3225)
C135	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C136	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C137	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C138	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C139	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C140	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C180	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C181	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C182	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C190	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C191	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C200	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C201	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C202	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C203	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C204	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C205	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C206	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
C207	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C208	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C209	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C211	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C214	1-104-561-11	s	FILM, CHIP 0.068uF 5% 16V (3225)
C215	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C216	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C217	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C218	1-104-543-11	s	FILM, CHIP 0.0022uF 5% 50V (2012)
C219	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C220	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C221	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C222	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C223	1-104-557-11	s	FILM, CHIP 0.033uF 5% 16V (3216)
C224	1-104-563-11	s	FILM, CHIP 0.1uF 5% 16V (3225)
C225	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C226	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C227	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C228	1-104-543-11	s	FILM, CHIP 0.0022uF 5% 50V (2012)
C229	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C231	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C232	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C233	1-104-557-11	s	FILM, CHIP 0.033uF 5% 16V (3216)
C234	1-104-563-11	s	FILM, CHIP 0.1uF 5% 16V (3225)
C235	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C236	1-104-551-11	s	FILM, CHIP 0.01uF 5% 16V (2012)
C237	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C238	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C239	1-126-395-11	s	ELECT, CHIP 22uF 20% 16V
C240	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C290	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C291	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C300	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C301	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C302	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C303	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C304	1-162-958-11	s	CERAMIC, CHIP 270pF 5% 50V (1608)
C305	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C306	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C307	1-107-854-11	s	TANTALUM, CHIP 68uF 20% 6.3V (5833)
C308	1-104-553-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
C309	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C310	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C311	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C312	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C313	1-104-549-11	s	FILM, CHIP 0.0068uF 5% 16V (2012)
C314	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C315	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C316	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C317	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C318	1-104-561-11	s	FILM, CHIP 0.068uF 5% 16V (3225)
C319	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C320	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C321	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C322	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C323	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C324	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C325	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C326	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
C327	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C328	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C329	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C330	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C400	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C401	1-164-739-11	s	CERAMIC, CHIP 560pF 5% 50V (1608)
C402 *2	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
*1	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C403 *2	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
*1	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C404	1-162-958-11	s	CERAMIC, CHIP 270pF 5% 50V (1608)
C405	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C406	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C407	1-107-854-11	s	TANTALUM, CHIP 68uF 20% 6.3V (5833)
C408	1-104-553-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
C409	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C410	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C411	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C412	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C413	1-104-549-11	s	FILM, CHIP 0.0068uF 5% 16V (2012)
C414	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C415	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C416	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C417	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C418	1-104-561-11	s	FILM, CHIP 0.068uF 5% 16V (3225)
C419	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C420	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C421	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C422	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C423	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C424	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C425	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C426	1-104-555-11	s	FILM, CHIP 0.022uF 5% 16V (3216)
C427	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C428	1-104-541-11	s	FILM, CHIP 0.0015uF 5% 50V (2012)
C429	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C430	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C500	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C501	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C502	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C503	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C504	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C505	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C506	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C507	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C508	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C509	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C510	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C511	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C512	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C513	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C514	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C515	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C516	1-162-918-11	s	CERAMIC, CHIP 18pF 5% 50V (1608)
C517	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C518	1-164-245-11	s	CERAMIC, CHIP 0.015uF 10% 25V(1608)
C519	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C520	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C521	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)

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C522	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C523	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C524	1-126-405-11	s	ELECT, CHIP 10uF 20% 50V
C525	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C526	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C527	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C528	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C531	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C532	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C541	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C600	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C601	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C602	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C603	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C604	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C605	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C606	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C607	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C608	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C609	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C610	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C611	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C612	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C613	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C614	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C615	1-115-412-11	s	CERAMIC, CHIP 680pF 5% 25V (1608)
C616	1-162-918-11	s	CERAMIC, CHIP 18pF 5% 50V (1608)
C617	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C618	1-164-245-11	s	CERAMIC, CHIP 0.015uF 10% 25V(1608)
C619	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C620	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C621	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C622	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C623	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C624	1-126-405-11	s	ELECT, CHIP 10uF 20% 50V
C625	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C626	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C627	1-109-899-11	s	CERAMIC, CHIP 330uF 5% 200V (5750)
C628	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C631	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C632	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C641	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C700	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C701	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C702	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C703	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C704	1-162-967-11	s	CERAMIC, CHIP 3300pF 10% 50V (1608)
C705	1-162-967-11	s	CERAMIC, CHIP 3300pF 10% 50V (1608)
C706	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C707	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C708	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C709	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C800	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C801	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C802	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C803	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C804	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C805	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C900	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)

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C901	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C902	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C903	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C904	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C905	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C906	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C907	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C908	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C911	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C912	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C913	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C914	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C915	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C916	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C918	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C919	1-113-577-11	s	ALUMN SOLID 47uF 20% 16V
C920	1-113-577-11	s	ALUMN SOLID 47uF 20% 16V
C921	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C922	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C923	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C924	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C925	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C926	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C927	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C928	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C929	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C930	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C931	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C932	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C933	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C934	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C935	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C951	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C952	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C953	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C954	1-104-912-11	s	TANTALUM, CHIP 3.3uF 20% 16V (3216)
CN300	1-573-806-21	s	CONNECTOR, 6P, MALE
CV500	1-141-297-11	s	CAP, TRIMMER 90pF
CV600	1-141-297-11	s	CAP, TRIMMER 90pF
D100	8-719-820-41	s	DIODE 1SS302
D101	8-719-820-41	s	DIODE 1SS302
D102	8-719-820-41	s	DIODE 1SS302
D200	8-719-820-41	s	DIODE 1SS302
D201	8-719-820-41	s	DIODE 1SS302
D202	8-719-820-41	s	DIODE 1SS302
D300	8-719-024-81	s	DIODE 1SS300
D400	8-719-024-81	s	DIODE 1SS300
D401	8-719-404-35	s	DIODE MA141WK
D500	8-719-029-63	s	DIODE RD4.3UH
D501	8-719-024-81	s	DIODE 1SS300
D502	8-719-024-81	s	DIODE 1SS300
D503	8-719-820-41	s	DIODE 1SS302
D504	8-719-024-81	s	DIODE 1SS300
D505	8-719-024-81	s	DIODE 1SS300
D506	8-719-029-63	s	DIODE RD4.3UH
D600	8-719-029-63	s	DIODE RD4.3UH
D601	8-719-024-81	s	DIODE 1SS300

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D602	8-719-024-81	s	DIODE 1SS300
D603	8-719-820-41	s	DIODE 1SS302
D604	8-719-024-81	s	DIODE 1SS300
D605	8-719-024-81	s	DIODE 1SS300
D606	8-719-029-63	s	DIODE RD4.3UH
D800	8-719-024-81	s	DIODE 1SS300
D801	8-719-024-81	s	DIODE 1SS300
D802	8-719-024-81	s	DIODE 1SS300
D900	8-719-066-98	s	DIODE RB051L-40
D901	8-719-066-98	s	DIODE RB051L-40
D902	8-719-404-35	s	DIODE MA141WK
D903	8-719-404-35	s	DIODE MA141WK
D904	8-719-157-36	s	DIODE RD6.8M-B
D905	8-719-938-75	s	DIODE SB05-05CP
D906	8-719-938-75	s	DIODE SB05-05CP
D907	8-719-820-41	s	DIODE 1SS302
D908	8-719-820-41	s	DIODE 1SS302
D909	8-719-029-63	s	DIODE RD4.3UH
D910	8-719-029-63	s	DIODE RD4.3UH
FL200	1-236-171-11	s	FILTER, LOW-PASS
IC100	8-759-711-85	s	IC NJM4580E-D
IC101	8-759-711-85	s	IC NJM4580E-D
IC102	8-759-359-66	s	IC TL082CPW
IC103	8-759-711-85	s	IC NJM4580E-D
IC106	8-759-465-02	s	IC DG201BDY-T1
IC109	8-759-711-85	s	IC NJM4580E-D
IC110	8-759-711-85	s	IC NJM4580E-D
IC111	8-759-711-85	s	IC NJM4580E-D
IC180	8-759-431-95	s	IC S-81230SGUP-DQB
IC181	8-759-173-16	s	IC TL062CPW
IC200	8-759-711-85	s	IC NJM4580E-D
IC201	8-759-711-85	s	IC NJM4580E-D
IC202	8-759-359-66	s	IC TL082CPW
IC203	8-759-711-85	s	IC NJM4580E-D
IC205	8-741-164-50	s	IC SBX1645-01
IC206	8-759-478-92	s	IC TC7SET04FU
IC207	8-759-173-16	s	IC TL062CPW
IC208	8-759-711-85	s	IC NJM4580E-D
IC209	8-759-711-85	s	IC NJM4580E-D
IC210	8-759-711-85	s	IC NJM4580E-D
IC300	8-759-271-86	s	IC TC7SH04FU
IC301	8-759-394-76	s	IC NJM2068M-D
IC302	8-759-422-21	s	IC NJM4580V
IC304	8-759-711-85	s	IC NJM4580E-D
IC400	8-759-271-86	s	IC TC7SH04FU
IC401	8-759-394-76	s	IC NJM2068M-D
IC402	8-759-422-21	s	IC NJM4580V
IC403	8-759-422-21	s	IC NJM4580V
IC404	8-759-711-85	s	IC NJM4580E-D
IC501	8-759-711-85	s	IC NJM4580E-D
IC502	8-759-422-21	s	IC NJM4580V
IC503	8-759-422-21	s	IC NJM4580V
IC504	8-759-271-86	s	IC TC7SH04FU
IC505	8-759-175-02	s	IC TL074CPW
IC506	8-759-082-57	s	IC TC7W04FU
IC507	8-759-082-58	s	IC TC7W08FU
IC600	8-759-271-86	s	IC TC7SH04FU
IC601	8-759-711-85	s	IC NJM4580E-D

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IC602	8-759-422-21	s	IC NJM4580V
IC603	8-759-422-21	s	IC NJM4580V
IC606	8-759-082-57	s	IC TC7W04FU
IC607	8-759-082-58	s	IC TC7W08FU
IC700	8-759-173-16	s	IC TL062CPW
IC701	8-759-570-08	s	IC TC7SET32FU
IC702	8-759-173-16	s	IC TL062CPW
IC703	8-759-173-16	s	IC TL062CPW
IC706	8-759-564-49	s	IC TC7W53FU
IC710	8-759-564-49	s	IC TC7W53FU
IC800	8-759-051-48	s	IC SN74HCT541APW
IC801	8-759-082-57	s	IC TC7W04FU
IC802	8-759-271-86	s	IC TC7SH04FU
IC803	8-759-485-79	s	IC TC7SET08FU
IC804	8-759-485-79	s	IC TC7SET08FU
IC805	8-759-485-79	s	IC TC7SET08FU
IC807	8-759-082-59	s	IC TC7W32FU
IC900	8-759-260-57	s	IC TL1451ACPW
IC902	8-729-025-23	s	TRANSISTOR SI9925DY-T1
IC903	8-759-058-62	s	IC TC7S08FU
IC904	8-759-542-91	s	IC S-80840ANUP-ED4
IC906	8-759-710-88	s	IC NJM431U
IC907	8-759-359-66	s	IC TL082CPW
IC951	8-759-485-79	s	IC TC7SET08FU
IC952	8-759-082-59	s	IC TC7W32FU
IC953	8-759-523-04	s	IC TC74HC4538AFT
IC981	8-759-485-79	s	IC TC7SET08FU
L500	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L501	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L600	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L601	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L900	1-406-864-21	s	COIL, CHOKE 4.7uH
L901	1-406-864-21	s	COIL, CHOKE 4.7uH
L902	1-409-579-11	s	COIL, CHOKE 8.2uH
L903	1-416-617-11	s	COIL, CHOKE 100uH
L904	1-416-617-11	s	COIL, CHOKE 100uH
LV300	1-412-362-11	s	COIL, VARIABLE 5.6mH
LV400	1-412-362-11	s	COIL, VARIABLE 5.6mH
LV500	1-414-094-11	s	COIL, VARIABLE 3.5mH
LV501	1-410-853-21	s	COIL, VARIABLE 4.5mH
LV600	1-414-094-11	s	COIL, VARIABLE 3.5mH
LV601	1-410-853-21	s	COIL, VARIABLE 4.5mH
Q100	8-729-014-86	s	TRANSISTOR 2SC4207-YGR
Q101	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q102	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q103	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q104	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q105	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q106	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q107	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q108	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q109	8-729-028-91	s	TRANSISTOR DTA144EUA
Q111	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q112	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q113	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q114	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q115	8-729-209-07	s	TRANSISTOR 2SC4213-B

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Q116	8-729-029-14	s	TRANSISTOR DTC144EUA
Q117	8-729-029-14	s	TRANSISTOR DTC144EUA
Q118	8-729-028-91	s	TRANSISTOR DTA144EUA
Q119	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q120	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q180	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q190	8-729-028-91	s	TRANSISTOR DTA144EUA
Q191	8-729-028-91	s	TRANSISTOR DTA144EUA
Q192	8-729-041-24	s	TRANSISTOR NDS355AN
Q193	8-729-041-23	s	TRANSISTOR NDS356AP
Q194	8-729-028-91	s	TRANSISTOR DTA144EUA
Q195	8-729-029-14	s	TRANSISTOR DTC144EUA
Q200	8-729-014-86	s	TRANSISTOR 2SC4207-YGR
Q201	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q202	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q203	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q204	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q205	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q206	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q207	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q208	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q209	8-729-028-91	s	TRANSISTOR DTA144EUA
Q210	8-729-029-14	s	TRANSISTOR DTC144EUA
Q211	8-729-205-38	s	TRANSISTOR 2SK208-Y
Q212	8-729-203-30	s	TRANSISTOR 2SJ106-Y
Q214	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q216	8-729-029-14	s	TRANSISTOR DTC144EUA
Q217	8-729-029-14	s	TRANSISTOR DTC144EUA
Q218	8-729-028-91	s	TRANSISTOR DTA144EUA
Q219	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q220	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q292	8-729-041-24	s	TRANSISTOR NDS355AN
Q293	8-729-041-23	s	TRANSISTOR NDS356AP
Q294	8-729-028-91	s	TRANSISTOR DTA144EUA
Q295	8-729-029-14	s	TRANSISTOR DTC144EUA
Q300	8-729-029-14	s	TRANSISTOR DTC144EUA
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q303	8-729-109-44	s	TRANSISTOR 2SK94
Q304	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q305	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q306	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q307	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q308	8-729-028-91	s	TRANSISTOR DTA144EUA
Q309	8-729-028-91	s	TRANSISTOR DTA144EUA
Q310	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q311	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q400	8-729-029-14	s	TRANSISTOR DTC144EUA
Q401	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q402	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q403	8-729-109-44	s	TRANSISTOR 2SK94
Q404	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q405	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q406	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q407	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q408	8-729-029-14	s	TRANSISTOR DTC144EUA
Q409	8-729-028-91	s	TRANSISTOR DTA144EUA
Q410	8-729-028-91	s	TRANSISTOR DTA144EUA
Q411	8-729-028-91	s	TRANSISTOR DTA144EUA

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Ref. No. or Q'ty	Part No.	SP	Description
Q412	8-729-028-91	s	TRANSISTOR DTA144EUA
Q413	8-729-029-14	s	TRANSISTOR DTC144EUA
Q414	8-729-029-14	s	TRANSISTOR DTC144EUA
Q500	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q501	8-729-029-14	s	TRANSISTOR DTC144EUA
Q502	8-729-045-28	s	TRANSISTOR SI4532DY
Q503	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q504	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q508	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q509	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q512	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
*1 Q514	8-729-209-07	s	TRANSISTOR 2SC4213-B
*1 Q515	8-729-028-91	s	TRANSISTOR DTA144EUA
Q600	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q601	8-729-029-14	s	TRANSISTOR DTC144EUA
Q602	8-729-045-28	s	TRANSISTOR SI4532DY
Q603	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q604	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q608	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q609	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q611	8-729-028-91	s	TRANSISTOR DTA144EUA
Q613	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
*1 Q614	8-729-209-07	s	TRANSISTOR 2SC4213-B
*1 Q615	8-729-028-91	s	TRANSISTOR DTA144EUA
Q800	8-729-029-14	s	TRANSISTOR DTC144EUA
Q801	8-729-029-14	s	TRANSISTOR DTC144EUA
Q802	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q803	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q804	8-729-029-14	s	TRANSISTOR DTC144EUA
Q805	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q900	8-729-020-94	s	TRANSISTOR 2SA1314C
Q901	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q902	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q903	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q904	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q905	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q906	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q907	8-729-029-14	s	TRANSISTOR DTC144EUA
Q908	8-729-029-14	s	TRANSISTOR DTC144EUA
Q909	8-729-029-14	s	TRANSISTOR DTC144EUA
Q910	8-729-028-91	s	TRANSISTOR DTA144EUA
Q911	8-729-028-91	s	TRANSISTOR DTA144EUA
Q912	8-729-029-14	s	TRANSISTOR DTC144EUA
Q913	8-729-028-91	s	TRANSISTOR DTA144EUA
Q914	8-729-029-14	s	TRANSISTOR DTC144EUA
Q915	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q916	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q917	8-729-029-14	s	TRANSISTOR DTC144EUA
Q918	8-729-029-14	s	TRANSISTOR DTC144EUA
Q919	8-729-029-14	s	TRANSISTOR DTC144EUA
Q920	8-729-028-91	s	TRANSISTOR DTA144EUA
Q921	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q922	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q923	8-729-028-73	s	TRANSISTOR DTA114EUA
Q926	8-729-045-28	s	TRANSISTOR SI4532DY
Q927	8-729-044-32	s	TRANSISTOR SI9433DY-T1
Q951	8-729-041-23	s	TRANSISTOR NDS356AP
Q952	8-729-028-91	s	TRANSISTOR DTA144EUA
Q953	8-729-029-14	s	TRANSISTOR DTC144EUA

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Ref. No. or Q'ty	Part No.	SP	Description
Q954	8-729-041-24	s	TRANSISTOR NDS355AN
R100	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R101	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R102	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R103	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R104	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R105	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R106	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R107	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R108	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R109	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R110	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R111	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R112	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R113	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R114	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R115	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R116	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R117	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R118	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R119	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R120	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R121	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R122	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R123	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R124	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R125	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R126	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R127	1-218-695-11	s	METAL, CHIP 1.3K 0.5% 1/16W (1608)
R128	1-216-864-11	s	METAL, CHIP 0 (1608)
R129	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R130	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R131	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R132	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R133	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R134	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R135	1-216-864-11	s	METAL, CHIP 0 (1608)
R137	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R138	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R139	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R140	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R141	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R142	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R143	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R144	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R145	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R146	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R147	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R148	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R149	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R150	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R152	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R153	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R154	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R155	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R156	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R157	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R158	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R159	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R160	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R161	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R162	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R163	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R164	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R165	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R166	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R167	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R168	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R169	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R170	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R171	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R172	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R173	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R174	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R175	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R177	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R178	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R179	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R180	1-218-751-11	s	METAL, CHIP 300K 0.5% 1/16W (1608)
R181	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R182	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R183	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R184	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R186	1-216-864-11	s	METAL, CHIP 0 (1608)
R188	1-216-864-11	s	METAL, CHIP 0 (1608)
R190	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R191	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R200	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R201	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R202	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R203	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R204	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R205	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R206	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R207	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R208	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R209	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R210	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R211	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R212	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R213	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R214	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R215	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R216	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R217	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R218	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R219	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R220	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R221	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R222	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R223	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R224	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R225	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R226	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R227	1-218-695-11	s	METAL, CHIP 1.3K 0.5% 1/16W (1608)
R228	1-216-864-11	s	METAL, CHIP 0 (1608)
R229	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R230	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R231	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R232	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R233	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R234	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R235	1-216-864-11	s	METAL, CHIP 0 (1608)
R237	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R238	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R239	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R240	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R241	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R242	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R243	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R244	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R246	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R247	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R248	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R249	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R250	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R251	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R252	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R253	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R254	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R255	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R256	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R257	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R258	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R259	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R260	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R261	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R262	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R263	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R264	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R265	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R266	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R267	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R272	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R273	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R274	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R275	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R277	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R278	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R279	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R284	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R286	1-216-864-11	s	METAL, CHIP 0 (1608)
R288	1-216-864-11	s	METAL, CHIP 0 (1608)
R290	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R291	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R301	1-216-852-11	s	METAL, CHIP 390K 5% 1/16W (1608)
R302	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R304	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R305	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R306	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R307	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R308	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R309	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R310	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R311	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R312	1-216-864-11	s	METAL, CHIP 0 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R313	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R314	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R315	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R316	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R317	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R318	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R319	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R320	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R321	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R322	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R323	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R324	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R325	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R326	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R327	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R328	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R329	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R330	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R331	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R332	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R333	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R334	1-218-750-11	s	METAL, CHIP 270K 0.5% 1/16W (1608)
R335	1-218-735-11	s	METAL, CHIP 62K 0.5% 1/16W (1608)
R336	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R337	1-218-717-11	s	METAL, CHIP 11K 0.5% 1/16W (1608)
R338	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R339	1-218-747-11	s	METAL, CHIP 200K 0.5% 1/16W (1608)
R340	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R341	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R342	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R343	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R344	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R345	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R346	1-216-864-11	s	METAL, CHIP 0 (1608)
R347	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R348	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R349	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R350	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R351	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R352	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R401	1-216-852-11	s	METAL, CHIP 390K 5% 1/16W (1608)
R402	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R404	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R405	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R406	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R407	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R408	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R409	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R410	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R411	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R412	1-216-864-11	s	METAL, CHIP 0 (1608)
R413	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R414	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R415	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R416	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R417	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R418	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R419	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R420	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R421	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R422	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R423	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R424	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R425	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R426	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R427	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R428	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R429	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R430	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R431	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R432	1-218-749-11	s	METAL, CHIP 240K 0.5% 1/16W (1608)
R433	1-218-719-11	s	METAL, CHIP 13K 0.5% 1/16W (1608)
R434	1-218-746-11	s	METAL, CHIP 180K 0.5% 1/16W (1608)
R435	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R436	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R437	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R438	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R439	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R440	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R441	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R442	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R443	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R444	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R445	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R446	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R447	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R448	1-216-864-11	s	METAL, CHIP 0 (1608)
R451	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R452	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R500	1-218-729-11	s	METAL, CHIP 36K 0.5% 1/16W (1608)
R501	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R502	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R503	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R504	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R505	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R506	1-218-691-11	s	METAL, CHIP 910 0.5% 1/16W (1608)
R508	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R509	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R510	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R511	1-220-238-11	s	METAL, CHIP 10 5% 1/4W (3225)
R512	1-220-238-11	s	METAL, CHIP 10 5% 1/4W (3225)
R513 *1	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R514 *1	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R515	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R516	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R517	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R518	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R519	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R520	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R521	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R522	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R523	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R524	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R525	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R526	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R527	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R528	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R529	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R530	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R531	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R532	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R533	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R534	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R535	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R536	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R537	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R538	1-216-852-11	s	METAL, CHIP 390K 5% 1/16W (1608)
R539	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R540	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R541	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R542	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R544	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R545	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R546	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R547	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R548	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R600	1-218-729-11	s	METAL, CHIP 36K 0.5% 1/16W (1608)
R601	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R602	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R603	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R604	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R605	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R606	1-218-691-11	s	METAL, CHIP 910 0.5% 1/16W (1608)
R608	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R609	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R610	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R611	1-220-238-11	s	METAL, CHIP 10 5% 1/4W (3225)
R612	1-220-238-11	s	METAL, CHIP 10 5% 1/4W (3225)
R613 *1	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R614 *1	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R615	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R616	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R617	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R618	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R619	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R620	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R621	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R622	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R623	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R624	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R625	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R626	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R627	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R628	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R629	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R630	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R631	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R632	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R633	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R634	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R635	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R636	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R637	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R638	1-216-852-11	s	METAL, CHIP 390K 5% 1/16W (1608)
R639	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R640	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R641	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R644	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R645	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R646	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R647	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R648	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R649	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R700	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R701	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R702	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R703	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R704	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R705	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R706	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R707	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R708	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R709	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R710	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R711	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R712	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R713	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R714	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R715	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R716	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R717	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R718	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R719	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R720	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R721	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R723	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R800	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R801	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R802	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R803	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R804	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R805	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R806	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R807	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R808	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R809	1-216-864-11	s	METAL, CHIP 0 (1608)
R810	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R811	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R812	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R813	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R814	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R815	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R816	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R817	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R859	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R901	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R903	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R904	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R905	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R906	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R907	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R908	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R909	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R910	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R911	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R912	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R913	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R914	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R915	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R916	1-216-864-11	s	METAL, CHIP 0 (1608)
R917	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R918	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R919	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R920	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R922	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R923	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R924	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R925	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R926	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R927	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R928	1-218-648-11	s	METAL, CHIP 15 0.5% 1/16W (1608)
R929	1-218-648-11	s	METAL, CHIP 15 0.5% 1/16W (1608)
R930	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R931	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R932	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R933	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R934	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R935	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R936	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R937	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R938	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R939	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R940	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R941	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R942	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R943	1-216-658-11	s	METAL, CHIP 2.0K 0.5% 1/10W (2012)
R944	1-216-682-11	s	METAL, CHIP 20K 0.5% 1/10W (2012)
R945	1-216-658-11	s	METAL, CHIP 2.0K 0.5% 1/10W (2012)
R946	1-216-682-11	s	METAL, CHIP 20K 0.5% 1/10W (2012)
R949	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R951	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R952	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R953	1-216-864-11	s	METAL, CHIP 0 (1608)
R955	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R956	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R957	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R958	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R960	1-216-864-11	s	METAL, CHIP 0 (1608)
R961	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R962	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R981	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
RB800	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB802	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RV100	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV101	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV102	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV103	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV104	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV105	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV106	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV107	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV108	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV109	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV110	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K

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Ref. No. or Q'ty	Part No.	SP	Description
RV180	1-237-039-11	s	RES, ADJ, CHIP CERMET 100K
RV200	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV201	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV202	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV203	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV204	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV205	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV206	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV207	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV208	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV300	1-237-039-11	s	RES, ADJ, CHIP CERMET 100K
RV301	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV302	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV303	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV304	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV400	1-237-039-11	s	RES, ADJ, CHIP CERMET 100K
RV401	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV402	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV500	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV502	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV503	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV504	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV505	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV542	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV600	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV601	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV602	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV603	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV604	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV605	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV700	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV701	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV702	1-237-039-11	s	RES, ADJ, CHIP CERMET 100K
RV703	1-237-039-11	s	RES, ADJ, CHIP CERMET 100K
RV704	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV705	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RY500	1-515-434-00	s	RELAY, MICRO LEAD
RY600	1-515-434-00	s	RELAY, MICRO LEAD
S300	1-692-881-41	s	SWITCH, SLIDE
S400	1-692-881-41	s	SWITCH, SLIDE
S881	1-692-881-41	s	SWITCH, SLIDE
T500	1-433-326-11	s	TRANSFORMER, BIAS OSC 134 kHz
T600	1-433-326-11	s	TRANSFORMER, BIAS OSC 134 kHz

CN-1541 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-667-468-13	o	PRINTED WIRING BOARD, CN-1541
CN1	1-766-361-11	o	CONNECTOR, B-B 31P, FEMALE
CN2	1-784-604-11	o	CONNECTOR, B-B 31P, MALE

CN-1657 BOARD
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*1:Board No. suffix -12
*2:Board No. suffix -13

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8317-156-A	o	MOUNTED CIRCUIT BOARD, CN-1657
CN1	1-784-178-11	o	CONNECTOR, FFC(ZIF) 26P
CN2 *2	1-770-573-21	o	CONNECTOR, B-B 30P, FEMALE
*1	1-784-603-11	o	CONNECTOR, B-B 31P, FEMALE

CN-1662 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-668-196-11	o	PRINTED WIRING BOARD, CN-1662
CN1	1-566-758-11	o	CONNECTOR, ZR 3P, MALE
CN2	1-566-758-11	o	CONNECTOR, ZR 3P, MALE
CN3	1-564-708-11	o	CONNECTOR, 6P, MALE
CN4	1-564-708-11	o	CONNECTOR, 6P, MALE

CN-1779 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-775-A	o	MOUNTED CIRCUIT BOARD, CN-1779
C1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN1	1-779-862-21	s	CONNECTOR, 40P, MALE
CN4	1-784-086-11	o	CONNECTOR, PC BOARD 15P, MALE
CN7	1-766-383-11	o	CONNECTOR, 12P, MALE
CN8	1-691-550-11	s	CONNECTOR, 3P, MALE
CN9	1-766-382-11	o	CONNECTOR, 10P, MALE
CN10	1-779-268-21	o	CONNECTOR, 11P, MALE
CN11	1-573-806-21	s	CONNECTOR, 6P, MALE
CN14	1-695-320-21	s	CONNECTOR, 2P, MALE
FB1	1-233-263-11	s	FERRITE ARRAY, CHIP
FB2	1-233-263-11	s	FERRITE ARRAY, CHIP
FB3	1-233-263-11	s	FERRITE ARRAY, CHIP
FB4	1-233-263-11	s	FERRITE ARRAY, CHIP
FB5	1-233-263-11	s	FERRITE ARRAY, CHIP
FB6	1-233-263-11	s	FERRITE ARRAY, CHIP
FL1	1-239-899-21	s	FILTER, EMI, CHIP (4516)
FL2	1-239-899-21	s	FILTER, EMI, CHIP (4516)
FL3	1-239-899-21	s	FILTER, EMI, CHIP (4516)
FL4	1-239-899-21	s	FILTER, EMI, CHIP (4516)
L1	1-410-389-31	s	INDUCTOR, CHIP 47uH (3225)

CP-316 BOARD for UC

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8316-700-A	o	MOUNTED CIRCUIT BOARD, CP-316
C100	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C101	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C103	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C104	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C105	1-107-909-11	s	ELECT 47uF 20% 50V
C106	1-107-909-11	s	ELECT 47uF 20% 50V
C107	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C108	1-107-909-11	s	ELECT 47uF 20% 50V
C109	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C200	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C201	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C203	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C204	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C205	1-107-909-11	s	ELECT 47uF 20% 50V
C206	1-107-909-11	s	ELECT 47uF 20% 50V
C207	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C208	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C209	1-107-909-11	s	ELECT 47uF 20% 50V
C300	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C301	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C302	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C303	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C304	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C305	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C400	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C401	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C402	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C403	1-104-653-11	s	ELECT 220uF 20% 16V
C404	1-104-653-11	s	ELECT 220uF 20% 16V
C500	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C501	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C502	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C503	1-104-653-11	s	ELECT 220uF 20% 16V
C504	1-104-653-11	s	ELECT 220uF 20% 16V
C600	1-128-526-11	s	ELECT 100uF 20% 16V
C601	1-128-526-11	s	ELECT 100uF 20% 16V
C700	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C701	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C702	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C703	1-104-653-11	s	ELECT 220uF 20% 16V
C704	1-104-653-11	s	ELECT 220uF 20% 16V
C800	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C801	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C802	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C803	1-104-653-11	s	ELECT 220uF 20% 16V
C804	1-104-653-11	s	ELECT 220uF 20% 16V
CN100	1-750-786-21	s	CONNECTOR, DUAL XLR 3P, FEMALE
CN101	1-573-806-21	s	CONNECTOR, 6P, MALE
CN400	1-750-785-21	s	CONNECTOR, DUAL XLR 3P, MALE
CN600	1-573-290-21	s	CONNECTOR, 4P, MALE
CN601	1-766-383-11	o	CONNECTOR, 12P, MALE
CN700	1-750-785-21	s	CONNECTOR, DUAL XLR 3P, MALE
D100	8-719-404-35	s	DIODE MA141WK
D101	8-719-024-81	s	DIODE 1SS300
D200	8-719-404-35	s	DIODE MA141WK
D201	8-719-024-81	s	DIODE 1SS300

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Ref. No. or Q'ty	Part No.	SP	Description
D400	8-719-404-35	s	DIODE MA141WK
D401	8-719-024-81	s	DIODE 1SS300
D500	8-719-404-35	s	DIODE MA141WK
D501	8-719-024-81	s	DIODE 1SS300
D700	8-719-404-35	s	DIODE MA141WK
D701	8-719-024-81	s	DIODE 1SS300
D800	8-719-404-35	s	DIODE MA141WK
D801	8-719-024-81	s	DIODE 1SS300
FL400	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL401	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL500	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL501	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL700	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL701	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL800	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL801	1-239-895-11	s	FILTER, EMI, CHIP (2012)
IC100	8-759-711-85	s	IC NJM4580E-D
IC200	8-759-711-85	s	IC NJM4580E-D
IC400	8-759-711-85	s	IC NJM4580E-D
IC401	8-759-158-99	s	IC SSM-2142P
IC501	8-759-158-99	s	IC SSM-2142P
IC700	8-759-711-85	s	IC NJM4580E-D
IC701	8-759-158-99	s	IC SSM-2142P
IC801	8-759-158-99	s	IC SSM-2142P
L100	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
L101	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
L200	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
L201	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
Q100	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q200	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q300	8-729-020-93	s	TRANSISTOR 2SC2982C
Q301	8-729-106-60	s	TRANSISTOR 2SB1115A
Q400	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q500	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q700	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q800	8-729-013-37	s	TRANSISTOR 2SC4213-AB
R101	1-216-295-00	s	METAL, CHIP 0 (2012)
R103	1-216-295-00	s	METAL, CHIP 0 (2012)
R104	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R105	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R106	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R107	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R108	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R109	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R110	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R111	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R112	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R113	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R114	1-216-640-11	s	METAL, CHIP 360 0.5% 1/10W (2012)
R115	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W (2012)
R116	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R117	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R118	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W (2012)
R119	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R120	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R121	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R122	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R123	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R124	1-216-685-11	s	METAL, CHIP 27K 0.5% 1/10W (2012)
R125	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R126	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R127	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R201	1-216-295-00	s	METAL, CHIP 0 (2012)
R203	1-216-295-00	s	METAL, CHIP 0 (2012)
R204	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R205	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R206	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R207	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R208	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R209	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R210	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R211	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R212	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R213	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R214	1-216-640-11	s	METAL, CHIP 360 0.5% 1/10W (2012)
R215	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W (2012)
R216	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R217	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R218	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W (2012)
R219	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R220	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R221	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R222	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R223	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R224	1-216-685-11	s	METAL, CHIP 27K 0.5% 1/10W (2012)
R225	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R226	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R227	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R300	1-216-653-11	s	METAL, CHIP 1.2K 0.5% 1/10W (2012)
R301	1-216-653-11	s	METAL, CHIP 1.2K 0.5% 1/10W (2012)
R400	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R401	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R402	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R403	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R404	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R405	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R407	1-216-295-00	s	METAL, CHIP 0 (2012)
R408	1-216-295-00	s	METAL, CHIP 0 (2012)
R410	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R411	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R500	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R501	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R502	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R503	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R504	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R505	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R507	1-216-295-00	s	METAL, CHIP 0 (2012)
R508	1-216-295-00	s	METAL, CHIP 0 (2012)
R510	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R700	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R701	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R702	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R703	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R704	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R705	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R707	1-216-295-00	s	METAL, CHIP 0 (2012)

(CP-316 BOARD for UC)

Ref. No. or Q'ty	Part No.	SP	Description
R708	1-216-295-00	s	METAL, CHIP 0 (2012)
R710	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R800	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R801	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R802	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R803	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R804	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R805	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R807	1-216-295-00	s	METAL, CHIP 0 (2012)
R808	1-216-295-00	s	METAL, CHIP 0 (2012)
R810	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
S100	1-572-042-11	s	SWITCH, SLIDE
S101	1-570-157-51	s	SWITCH, SLIDE
S200	1-572-042-11	s	SWITCH, SLIDE
S201	1-570-157-51	s	SWITCH, SLIDE

CP-316J BOARD for J

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8316-827-A	o	MOUNTED CIRCUIT BOARD, CP-316J
C101	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C102	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C103	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C104	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C105	1-107-909-11	s	ELECT 47uF 20% 50V
C106	1-107-909-11	s	ELECT 47uF 20% 50V
C107	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C109	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C201	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C202	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C203	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C204	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C205	1-107-909-11	s	ELECT 47uF 20% 50V
C206	1-107-909-11	s	ELECT 47uF 20% 50V
C207	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C208	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C300	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C301	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C302	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C303	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C304	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C305	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C400	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C401	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C402	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C403	1-104-653-11	s	ELECT 220uF 20% 16V
C404	1-104-653-11	s	ELECT 220uF 20% 16V
C500	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C501	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C502	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C503	1-104-653-11	s	ELECT 220uF 20% 16V
C504	1-104-653-11	s	ELECT 220uF 20% 16V
C600	1-128-526-11	s	ELECT 100uF 20% 16V
C601	1-128-526-11	s	ELECT 100uF 20% 16V
C700	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C701	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C702	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C703	1-104-653-11	s	ELECT 220uF 20% 16V
C704	1-104-653-11	s	ELECT 220uF 20% 16V
C800	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C801	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C802	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C803	1-104-653-11	s	ELECT 220uF 20% 16V
C804	1-104-653-11	s	ELECT 220uF 20% 16V
CN100	1-750-785-21	s	CONNECTOR, DUAL XLR 3P, MALE
CN101	1-573-806-21	s	CONNECTOR, 6P, MALE
CN400	1-750-786-21	s	CONNECTOR, DUAL XLR 3P, FEMALE
CN600	1-573-290-21	s	CONNECTOR, 4P, MALE
CN601	1-766-383-11	o	CONNECTOR, 12P, MALE
CN700	1-750-786-21	s	CONNECTOR, DUAL XLR 3P, FEMALE
D100	8-719-404-35	s	DIODE MA141WK
D101	8-719-024-81	s	DIODE 1SS300
D200	8-719-404-35	s	DIODE MA141WK
D201	8-719-024-81	s	DIODE 1SS300
D400	8-719-404-35	s	DIODE MA141WK
D401	8-719-024-81	s	DIODE 1SS300

(CP-316J BOARD for J)

Ref. No. or Q'ty	Part No.	SP	Description
D500	8-719-404-35	s	DIODE MA141WK
D501	8-719-024-81	s	DIODE 1SS300
D700	8-719-404-35	s	DIODE MA141WK
D701	8-719-024-81	s	DIODE 1SS300
D800	8-719-404-35	s	DIODE MA141WK
D801	8-719-024-81	s	DIODE 1SS300
FL400	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL401	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL500	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL501	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL700	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL701	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL800	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL801	1-239-895-11	s	FILTER, EMI, CHIP (2012)
IC100	8-759-711-85	s	IC NJM4580E-D
IC200	8-759-711-85	s	IC NJM4580E-D
IC400	8-759-711-85	s	IC NJM4580E-D
IC401	8-759-158-99	s	IC SSM-2142P
IC501	8-759-158-99	s	IC SSM-2142P
IC700	8-759-711-85	s	IC NJM4580E-D
IC701	8-759-158-99	s	IC SSM-2142P
IC801	8-759-158-99	s	IC SSM-2142P
L100	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
L101	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
L200	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
L201	1-412-184-11	s	INDUCTOR, CHIP 8.2uH (3225)
Q300	8-729-020-93	s	TRANSISTOR 2SC2982C
Q301	8-729-106-60	s	TRANSISTOR 2SB1115A
Q400	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q500	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q700	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q800	8-729-013-37	s	TRANSISTOR 2SC4213-AB
R100	1-216-295-00	s	METAL, CHIP 0 (2012)
R102	1-216-295-00	s	METAL, CHIP 0 (2012)
R104	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R105	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R106	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R107	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R108	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R109	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R110	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R111	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R112	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R113	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R114	1-216-640-11	s	METAL, CHIP 360 0.5% 1/10W (2012)
R115	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W (2012)
R116	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R117	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R118	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W (2012)
R119	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R120	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R121	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R122	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R123	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R125	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R126	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R127	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)

(CP-316J BOARD for J)

Ref. No. or Q'ty	Part No.	SP	Description
R200	1-216-295-00	s	METAL, CHIP 0 (2012)
R202	1-216-295-00	s	METAL, CHIP 0 (2012)
R204	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R205	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R206	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R207	1-220-386-11	s	METAL, CHIP 3.6K 0.1% 1/10W (2012)
R208	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R209	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R210	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R211	1-220-828-11	s	METAL, CHIP 750 0.1% 1/10W (2012)
R212	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R213	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R214	1-216-640-11	s	METAL, CHIP 360 0.5% 1/10W (2012)
R215	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W (2012)
R216	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R217	1-218-182-11	s	METAL, CHIP 270 0.1% 1/16W (1608)
R218	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W (2012)
R219	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R220	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R221	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R222	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R223	1-220-751-11	s	METAL, CHIP 2.2K 0.1% 1/10W (2012)
R225	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R226	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R227	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R300	1-216-653-11	s	METAL, CHIP 1.2K 0.5% 1/10W (2012)
R301	1-216-653-11	s	METAL, CHIP 1.2K 0.5% 1/10W (2012)
R400	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R401	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R402	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R403	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R404	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R405	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R406	1-216-295-00	s	METAL, CHIP 0 (2012)
R409	1-216-295-00	s	METAL, CHIP 0 (2012)
R410	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R411	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R500	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R501	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R502	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R503	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R504	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R505	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R506	1-216-295-00	s	METAL, CHIP 0 (2012)
R509	1-216-295-00	s	METAL, CHIP 0 (2012)
R510	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R700	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R701	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R702	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R703	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R704	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R705	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R706	1-216-295-00	s	METAL, CHIP 0 (2012)
R709	1-216-295-00	s	METAL, CHIP 0 (2012)
R710	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R800	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R801	1-216-672-11	s	METAL, CHIP 7.5K 0.5% 1/10W (2012)
R802	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R803	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)

(CP-316J BOARD for J)

Ref. No. or Q'ty	Part No.	SP	Description
R804	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R805	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R806	1-216-295-00	s	METAL, CHIP 0 (2012)
R809	1-216-295-00	s	METAL, CHIP 0 (2012)
R810	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
S100	1-572-042-11	s	SWITCH, SLIDE
S200	1-572-042-11	s	SWITCH, SLIDE

CP-317 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -13			
*2:Board No. suffix -15			
1pc	A-8316-702-B	o	MOUNTED CIRCUIT BOARD, CP-317
1pc	1-500-371-11	o	CORE, FERRITE (D-SUB)
C100	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C101	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C102	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C104	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C105	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C106	1-163-229-11	s	CERAMIC, CHIP 12pF 5% 50V (2012)
C200	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C201	1-110-501-11	s	CERAMIC, CHIP 0.33uF 10% 16V (2012)
C202	1-110-501-11	s	CERAMIC, CHIP 0.33uF 10% 16V (2012)
C203	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C204	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V (2012)
C205	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C206	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C207	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C208	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C600	1-163-011-11	s	CERAMIC, CHIP 1500pF 10% 50V (2012)
C601	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C604	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C605	1-163-017-00	s	CERAMIC, CHIP 4700pF 10% 50V (2012)
C606	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C607	1-163-021-11	s	CERAMIC, CHIP 0.01uF 10% 50V (2012)
CN1	1-564-719-11	o	CONNECTOR, ANGLE 3P, MALE
CN2	1-564-718-11	o	CONNECTOR, 2P, MALE
CN3 *2	1-564-013-31	s	CONNECTOR, 3P, MALE
CN3 *1	1-506-482-11	s	CONNECTOR, 3P, MALE
CN100	1-573-584-11	s	CONNECTOR, 3-BNC, FEMALE
CN101	1-573-584-11	s	CONNECTOR, 3-BNC, FEMALE
CN200	1-766-788-11	s	CONNECTOR, 2-BNC, FEMALE
CN301	1-568-676-11	o	CONNECTOR, D-SUB 9P, FEMALE
CN700	1-695-223-21	o	CONNECTOR, 10P, MALE
CN701	1-764-007-11	o	CONNECTOR, 12P, MALE
CN702	1-580-056-21	o	CONNECTOR, 3P, MALE
D100	8-719-820-41	s	DIODE 1SS302
D101	8-719-820-41	s	DIODE 1SS302
D102	8-719-820-41	s	DIODE 1SS302
D103	8-719-820-41	s	DIODE 1SS302
D200	8-719-820-41	s	DIODE 1SS302
D201	8-719-105-28	s	DIODE RD2.4M-B
D202	8-719-820-41	s	DIODE 1SS302
D203	8-719-105-28	s	DIODE RD2.4M-B
D204	8-719-820-41	s	DIODE 1SS302
D600	8-719-048-17	s	DIODE MBRS130LT3
D601	8-719-820-41	s	DIODE 1SS302
FL100	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL101	1-239-896-12	s	FILTER, EMI, CHIP (2012)
FL102	1-239-896-12	s	FILTER, EMI, CHIP (2012)
FL103	1-239-896-12	s	FILTER, EMI, CHIP (2012)
FL200	1-239-895-11	s	FILTER, EMI, CHIP (2012)
FL201	1-239-895-11	s	FILTER, EMI, CHIP (2012)
IC100	8-759-392-64	s	IC AD828AR
IC200	8-759-441-31	s	IC MC14053BD

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Ref. No. or Q'ty	Part No.	SP	Description
IC201	8-759-369-73	s	IC NJM4556AM
IC202	8-759-173-16	s	IC TL062CPW
IC600	8-759-521-35	s	IC TL5001CD
IC602	8-729-040-75	s	TRANSISTOR SI4953DY
L600	1-409-722-11	s	COIL, CHOKE 220uH
PS600	⚠ 1-533-282-21	s	LINK, IC, CHIP 2A
Q600	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q601	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q603	8-729-029-17	s	TRANSISTOR DTC144WUA
R100	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W (2012)
R101	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W (2012)
R106	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R107	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R108	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R109	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R110	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R111	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R112	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R113	1-216-650-11	s	METAL, CHIP 910 0.5% 1/10W (2012)
R114	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R115	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R116	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W (2012)
R200	1-216-295-00	s	METAL, CHIP 0 (2012)
R202	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R203	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R204	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R205	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R206	1-216-685-11	s	METAL, CHIP 27K 0.5% 1/10W (2012)
R207	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R208	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R209	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R210	1-216-685-11	s	METAL, CHIP 27K 0.5% 1/10W (2012)
R211	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R212	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R213	1-216-662-11	s	METAL, CHIP 3.0K 0.5% 1/10W (2012)
R214	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R215	1-218-776-11	s	METAL, CHIP 1.0M 0.5% 1/10W (2012)
R216	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R217	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R218	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W (2012)
R219	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R220	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R221	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W (2012)
R223	1-216-295-00	s	METAL, CHIP 0 (2012)
R224	1-216-685-11	s	METAL, CHIP 27K 0.5% 1/10W (2012)
R300	1-216-295-00	s	METAL, CHIP 0 (2012)
R600	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R601	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R602	1-216-295-00	s	METAL, CHIP 0 (2012)
R603	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R604	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R605	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R606	*1 1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R611	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R613	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R614	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R619	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R620	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R621	*2 1-216-295-00	s	METAL, CHIP 0 (2012)
S100	1-570-157-51	s	SWITCH, SLIDE
S101	1-570-157-51	s	SWITCH, SLIDE

DC-97 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8318-279-A	o	MOUNTED CIRCUIT BOARD, DC-97
CN1	1-564-603-11	s	CONNECTOR WITH DC SW, 4P, MALE
CN2	1-568-622-11	o	PIN, SIL 2P, MALE
FL1	1-117-193-11	s	CERAMIC, CHIP 1.5uF 50V 6A (5057)
FL2	1-117-193-11	s	CERAMIC, CHIP 1.5uF 50V 6A (5057)

DEC-97 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8316-704-A	o	MOUNTED CIRCUIT BOARD, DEC-97
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
2pcs	3-603-737-01	o	LEVER, BOARD
C1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C3	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C5	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C7	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C8	1-162-910-11	s	CERAMIC, CHIP 5pF 50V (1608)
C9	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C10	1-162-908-11	s	CERAMIC, CHIP 3pF 50V (1608)
C13	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C14	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C15	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C16	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C17	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C18	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C19	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C20	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C21	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C22	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C24	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C25	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C26	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C27	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C28	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C29	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C30	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C31	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C32	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C33	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C34	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C35	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C36	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C39	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C40	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C41	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C42	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C43	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C44	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C45	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C46	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C47	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C48	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C49	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C51	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C52	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C53	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C54	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C55	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C56	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C57	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C58	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C59	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C60	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C61	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C62	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C63	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C64	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C65	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C66	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C67	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C68	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C69	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C70	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C71	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C72	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C73	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C74	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C75	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C76	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C77	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C78	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C79	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C80	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C81	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C82	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C83	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C84	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C85	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C86	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C87	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C88	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C89	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C90	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C91	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C92	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C93	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C94	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C95	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C96	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C97	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C98	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C99	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C100	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C101	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C102	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C103	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C104	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C105	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C106	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C107	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C108	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C109	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C110	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C111	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C112	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C113	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C118	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C119	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C120	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C121	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C122	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C126	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C129	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C130	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C131	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C132	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C133	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C135	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C136	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C138	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C139	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C140	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C141	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C142	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C143	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C144	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C145	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C146	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C147	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C148	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C149	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C150	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C156	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C157	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C158	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C159	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C160	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C161	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C162	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C163	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C164	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C165	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C166	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C167	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C168	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C169	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C171	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C172	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C173	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C174	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C175	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C176	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C177	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C178	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C179	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C180	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C181	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C182	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C183	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C184	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C185	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN72	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
CP1	1-767-696-11	s	VCO, CRYSTAL 35.46895 MHz
CP2	1-767-618-11	s	VCO, CRYSTAL 28.63636 MHz
D2	8-719-941-23	s	DIODE DA204U
D3	8-719-941-23	s	DIODE DA204U
FB1	1-543-309-21	s	BEAD, FERRITE
FL1	1-234-262-21	s	FILTER, LOW-PASS
IC1	8-759-700-95	s	IC NJM1496M

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Ref. No. or Q'ty	Part No.	SP	Description
IC2	8-759-271-86	s	IC TC7SH04FU
IC3	8-752-052-77	s	IC CXA1450M
IC4	8-759-098-16	s	IC LT1227CS8
IC5	8-759-441-31	s	IC MC14053BD
IC6	8-759-262-03	s	IC MC14577CF
IC7	8-759-524-50	s	IC TC74VHC541FT(EL)
IC8	8-759-030-16	s	IC MC34182M
IC9	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC10	8-759-523-95	s	IC TC74VHC74FT(EL)
IC11	8-759-058-64	s	IC TC7S32FU
IC12	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC13	8-759-030-16	s	IC MC34182M
IC14	8-759-242-64	s	IC TC4W53F
IC15	8-759-987-27	s	IC LM1881M
IC16	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC17	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC18	8-759-054-61	s	IC CLC505AJE
IC19	8-759-030-16	s	IC MC34182M
IC20	8-759-702-08	s	IC NJM360M
IC21	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC22	8-759-030-16	s	IC MC34182M
IC23	8-759-702-08	s	IC NJM360M
IC24	8-759-058-64	s	IC TC7S32FU
IC25	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC26	8-759-524-18	s	IC TC74VHC163FT(EL)
IC27	8-759-524-18	s	IC TC74VHC163FT(EL)
IC28	8-759-523-95	s	IC TC74VHC74FT(EL)
IC29	8-759-233-66	s	IC TC74HCT04AF
IC30	8-759-234-77	s	IC TC4S66F
IC31	8-759-030-16	s	IC MC34182M
IC32	8-759-391-30	s	IC 74LVX3245QSC
IC33	8-752-381-84	s	IC CXD1095BQ
IC34	8-759-251-40	s	IC MB88E346PFV-G-BND-ER
IC35	8-759-271-86	s	IC TC7SH04FU
IC36	8-759-710-88	s	IC NJM431U
IC37	8-759-173-16	s	IC TL062CPW
IC38	8-759-542-91	s	IC S-80840ANUP-ED4
IC39	8-759-209-90	s	IC TC4S71F
IC40	8-752-376-32	s	IC CXD2310AR
IC41	8-752-360-44	s	IC CXK1203AR
IC42	8-752-375-22	s	IC CXD304-106Q
IC43	8-759-174-13	s	IC CXD8819AQ
IC44	8-729-040-75	s	TRANSISTOR SI4953DY
IC45	8-759-173-16	s	IC TL062CPW
IC46	8-759-524-28	s	IC TC74VHC245FT(EL)
IC47	8-752-334-55	s	IC CXD1175M
IC48	8-759-030-16	s	IC MC34182M
IC49	8-759-196-97	s	IC TC7SH32FU
IC50	8-759-524-28	s	IC TC74VHC245FT(EL)
IC51	8-759-524-28	s	IC TC74VHC245FT(EL)
IC52	8-729-045-28	s	TRANSISTOR SI4532DY
IC53	8-729-045-28	s	TRANSISTOR SI4532DY
IC54	8-759-196-97	s	IC TC7SH32FU
IC55	8-759-271-86	s	IC TC7SH04FU
IC56	8-729-045-28	s	TRANSISTOR SI4532DY
IC57	8-759-196-96	s	IC TC7SH08FU
IC58	8-752-334-55	s	IC CXD1175M
IC59	8-759-710-88	s	IC NJM431U

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Ref. No. or Q'ty	Part No.	SP	Description
L1	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L2	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L3	1-414-754-11	s	INDUCTOR, CHIP 10uH (2520)
L4	1-414-754-11	s	INDUCTOR, CHIP 10uH (2520)
L5	1-414-754-11	s	INDUCTOR, CHIP 10uH (2520)
L6	1-414-754-11	s	INDUCTOR, CHIP 10uH (2520)
L7	1-414-754-11	s	INDUCTOR, CHIP 10uH (2520)
L8	1-414-754-11	s	INDUCTOR, CHIP 10uH (2520)
L9	1-414-754-11	s	INDUCTOR, CHIP 10uH (2520)
Q1	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q2	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q3	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q4	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q5	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q6	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q7	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q8	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q9	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q10	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q11	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q12	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q13	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q14	8-729-118-56	s	TRANSISTOR 2SK852-X2
Q15	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q16	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q17	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q18	8-729-904-41	s	TRANSISTOR FMY3
Q19	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q20	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q21	8-729-904-41	s	TRANSISTOR FMY3
Q22	8-729-029-14	s	TRANSISTOR DTC144EUA
Q23	8-729-027-38	s	TRANSISTOR DTA144EKA
Q24	8-729-029-14	s	TRANSISTOR DTC144EUA
Q25	8-729-027-38	s	TRANSISTOR DTA144EKA
Q26	8-729-029-14	s	TRANSISTOR DTC144EUA
Q27	8-729-029-14	s	TRANSISTOR DTC144EUA
Q28	8-729-029-14	s	TRANSISTOR DTC144EUA
Q29	8-729-029-14	s	TRANSISTOR DTC144EUA
Q30	8-729-029-14	s	TRANSISTOR DTC144EUA
Q31	8-729-117-32	s	TRANSISTOR 2SC4177-L6
R1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R3	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R4	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R5	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R6	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R7	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R8	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R10	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R11	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R12	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R13	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R14	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R15	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R16	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R17	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R18	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R19	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R20	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R22	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R23	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R24	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R25	1-216-864-11	s	METAL, CHIP 0 (1608)
R26	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R29	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R30	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R32	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R33	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R34	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R35	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R37	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R38	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R39	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R41	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R42	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R43	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R44	1-216-864-11	s	METAL, CHIP 0 (1608)
R45	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R46	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R47	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R48	1-218-725-11	s	METAL, CHIP 24K 0.5% 1/16W (1608)
R49	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R52	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R53	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R54	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R55	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R56	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R58	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W (1608)
R59	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R60	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R61	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R62	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R63	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R64	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R65	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R66	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R67	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R68	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R69	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R70	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R71	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R72	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R73	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R74	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R75	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R76	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R77	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R78	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R79	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R80	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R81	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R82	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R83	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R84	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R85	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R86	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R87	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R88	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R90	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R91	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R92	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R93	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R94	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R95	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R96	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R97	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R100	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R102	1-216-864-11	s	METAL, CHIP 0 (1608)
R103	1-216-864-11	s	METAL, CHIP 0 (1608)
R105	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R108	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R110	1-216-864-11	s	METAL, CHIP 0 (1608)
R111	1-216-864-11	s	METAL, CHIP 0 (1608)
R113	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R114	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R115	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R116	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R117	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R118	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R119	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R120	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R121	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R122	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R123	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R124	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R125	1-216-852-11	s	METAL, CHIP 390K 5% 1/16W (1608)
R126	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R127	1-218-713-11	s	METAL, CHIP 7.5K 0.5% 1/16W (1608)
R128	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R129	1-218-737-11	s	METAL, CHIP 75K 0.5% 1/16W (1608)
R130	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R131	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R132	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R133	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R134	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R135	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R137	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R138	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R139	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R140	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R141	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R142	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R147	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R148	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R149	1-216-864-11	s	METAL, CHIP 0 (1608)
R150	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R151	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R152	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R153	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R154	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R156	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R157	1-218-715-11	s	METAL, CHIP 9.1K 0.5% 1/16W (1608)
R158	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R159	1-216-861-11	s	METAL, CHIP 2.2M 5% 1/16W (1608)
R160	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R161	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R162	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R163	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R164	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R165	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R166	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R167	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R168	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R169	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R170	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R171	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R172	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R173	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R174	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R175	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R176	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R177	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R178	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R179	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R180	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R181	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R182	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R183	1-218-729-11	s	METAL, CHIP 36K 0.5% 1/16W (1608)
R184	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R199	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R200	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R201	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R202	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R203	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R204	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R205	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R206	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R207	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R208	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R209	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R210	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R211	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R212	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R213	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R214	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R215	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R216	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R217	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R218	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R219	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R220	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R221	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R222	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R223	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R224	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R225	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R226	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R227	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R228	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R229	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R230	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R231	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R232	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R233	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R234	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R235	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R236	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R237	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R238	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R239	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R240	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R241	1-216-864-11	s	METAL, CHIP 0 (1608)
R242	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R243	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R244	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R245	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R246	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R247	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R248	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R252	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R254	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R255	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R256	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R257	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R258	1-218-664-11	s	METAL, CHIP 68 0.5% 1/16W (1608)
R259	1-218-715-11	s	METAL, CHIP 9.1K 0.5% 1/16W (1608)
R260	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
RB1	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB2	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB3	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB4	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB5	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB6	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB7	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB8	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB9	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB10	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB11	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB12	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB13	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB14	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB15	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)

DM-121 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -11			
*2:Board No. suffix -12			
1pc	A-8321-760-A	o	MOUNTED CIRCUIT BOARD, DM-121
2pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
6pcs	7-682-902-11	s	SCREW +PWH 2.6x5
C102	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C103	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C104	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C105	1-162-918-11	s	CERAMIC, CHIP 18pF 5% 50V (1608)
C107	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C108	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C109	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C110	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C111	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C112	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C113	1-164-380-11	s	CERAMIC, CHIP 51pF 5% 50V (1608)
C114	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C115	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C116	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V (1608)
C117	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C118	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C119	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C120	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C121	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C122	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C123	1-164-379-11	s	CERAMIC, CHIP 43pF 5% 50V (1608)
C124	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V (1608)
C125	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C126	1-162-926-11	s	CERAMIC, CHIP 82pF 5% 50V (1608)
C127	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C128	1-164-379-11	s	CERAMIC, CHIP 43pF 5% 50V (1608)
C129	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V (1608)
C130	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C131	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C132	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C133	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C134	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C135	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C136	1-164-382-11	s	CERAMIC, CHIP 91pF 5% 50V (1608)
C137	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C138	1-162-917-11	s	CERAMIC, CHIP 15pF 5% 50V (1608)
C139	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C140	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C141	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C142	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C143	1-164-238-11	s	CERAMIC, CHIP 36pF 5% 50V (1608)
C144	1-164-379-11	s	CERAMIC, CHIP 43pF 5% 50V (1608)
C145	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C146	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C147	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C148	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C149	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C150	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C151	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C152	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C153	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C154	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C155	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C156	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C157	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C158	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C159	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C160	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C161	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C162	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C163	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C164	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C165	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C166	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C167	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C168	1-164-383-11	s	CERAMIC, CHIP 110pF 5% 50V (1608)
C169	1-164-384-11	s	CERAMIC, CHIP 130pF 5% 50V (1608)
C170	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C171	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C172	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C173	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C174	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C175	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C176	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C177	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C178	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C179	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C180	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C181	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C182	1-162-910-11	s	CERAMIC, CHIP 5pF 50V (1608)
C183	1-162-910-11	s	CERAMIC, CHIP 5pF 50V (1608)
C184	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C185	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C186	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C187	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C188	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C190	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C191	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C192	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C193	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C194	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C195	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C196	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C197	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C198	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C199	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C200	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C201	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C203	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C204	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C301	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C302	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C308	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C309	1-162-918-11	s	CERAMIC, CHIP 18pF 5% 50V (1608)
C312	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C313	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C314	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C315	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C316	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C317	1-164-380-11	s	CERAMIC, CHIP 51pF 5% 50V (1608)
C318	1-164-460-11	s	CERAMIC, CHIP 62pF 5% 50V (1608)
C319	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C320	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C321	1-164-384-11	s	CERAMIC, CHIP 130pF 5% 50V (1608)
C322	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C323	1-164-380-11	s	CERAMIC, CHIP 51pF 5% 50V (1608)
C324	1-164-460-11	s	CERAMIC, CHIP 62pF 5% 50V (1608)
C325	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C326	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C328	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V (1608)
C329	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C330	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C331	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C332	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C333	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C334	1-164-383-11	s	CERAMIC, CHIP 110pF 5% 50V (1608)
C335	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C336	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C337	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C338	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C339	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C340	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C341	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V (1608)
C342	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C343	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C344	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C345	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C346	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C347	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C348	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C349	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C350	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C351	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C352	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C353	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C354	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C355	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C356	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C357	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C358	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C359	1-164-385-11	s	CERAMIC, CHIP 160pF 5% 50V (1608)
C360	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C361	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C362	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C363	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C364	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C365	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C366	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C367	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C368	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C369	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C370	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C371	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C372	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C373	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C374	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C375	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C377	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C378	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C379	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C380	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C381	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C382	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C383	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C384	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C385	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C386	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C387	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C388	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C389	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C450	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C451	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C452	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C454	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C455	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C456	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C457	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C458	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C459	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C460	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C461	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C462	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C463	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C501	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C502	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C503	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C505	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C506	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C507	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C508	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C509	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C510	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C511	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C512	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C513	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C514	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C515	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C516	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C517	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C518	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C519	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C520	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C521	1-128-793-11	s	MICA, CHIP 150pF 0.25% 50V (5846)
C522	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C523	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C524	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C525	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C526	1-162-908-11	s	CERAMIC, CHIP 3pF 50V (1608)
C527	1-162-912-11	s	CERAMIC, CHIP 7pF 50V (1608)
C528	1-162-909-11	s	CERAMIC, CHIP 4pF 50V (1608)
C529	1-164-238-11	s	CERAMIC, CHIP 36pF 5% 50V (1608)
C530	1-164-379-11	s	CERAMIC, CHIP 43pF 5% 50V (1608)
C531	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C532	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C533	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C534	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C537	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C538	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C539	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C540	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C541	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C542	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C543	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C544	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C545	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C550	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C551	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C552	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C553	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C554	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C555	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C556	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C557	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C558	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C559	1-164-160-11	s	CERAMIC, CHIP 20pF 5% 50V (1608)
C560	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C561	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C562	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C563	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C564	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C565	1-162-920-11	s	CERAMIC, CHIP 27pF 5% 50V (1608)
C566	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V (3216)
C567	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C568	1-162-920-11	s	CERAMIC, CHIP 27pF 5% 50V (1608)
C569	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C570	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C571	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C601	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C651	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C652	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C653	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C654	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C655	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C656	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C657	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C658	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C659	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C660	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C661	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C662	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C663	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C667	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C701	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C702	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C703	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C704	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C705	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C706	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C707	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C708	1-128-793-11	s	MICA, CHIP 150pF 0.25% 50V (5846)
C709	1-126-398-11	s	ELECT, CHIP 4.7uF 20% 35V
C710	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C711	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C712	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C713	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C714	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C715	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C716	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C717	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C718	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C719	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C720	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C721	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C722	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C723	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C724	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C725	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C726	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C727	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C728	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C729	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C730	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C731	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C732	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C733	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C734	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C735	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C736	1-164-160-11	s	CERAMIC, CHIP 20pF 5% 50V (1608)
C737	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C738	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C739	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C740	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C741	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C742	1-162-920-11	s	CERAMIC, CHIP 27pF 5% 50V (1608)
C743	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V (3216)
C744	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C745	1-162-920-11	s	CERAMIC, CHIP 27pF 5% 50V (1608)
C746	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C747	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C901	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C902	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C903	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C904	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C905	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C906	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C907	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C908	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C909	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C910	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C911	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C912	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C913	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C914	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C915	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C916	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C917	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C918	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C919	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C920	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C921	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C922	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C923	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C924	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C925	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C926	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C927	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C928	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C929	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V

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Ref. No. or Q'ty	Part No.	SP	Description
C930	1-113-981-11	s	TANTALUM, CHIP 22uF 20% 20V (5833)
C931	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C932	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C933	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C934	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C935	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C936	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C937	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C938	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C939	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C940	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C941	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C942	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C943 *2	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C944	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C945 *2	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C946 *2	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C947 *2	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C948	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C949	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C950	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C951	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C952	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C953	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C954	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C955	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C956	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C957	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C958	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C959	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C960	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C961	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C962	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C963	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C964 *2	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C965 *2	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C966	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1101	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1102	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1103	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1105	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C1106	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1107	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C1108	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V (3216)
C1109	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1110	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C1111	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1112	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1113	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V (3216)
C1114	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1115	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1116	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1117	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1118	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1119	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C1121	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C1122	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1125	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)

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C1126	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1128	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C1129	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C1130	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C1131	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C1132	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1133	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1134	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1135	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1136	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1138	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1139	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1140	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1141	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1142	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1143	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1144	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1145	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1146	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1147	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1148	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1149	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1201	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1202	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1203	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C1204	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1205	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V (3216)
C1206	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1207	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C1208	1-135-070-00	s	TANTALUM, CHIP 0.1uF 10% 35V (3216)
C1209	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1210	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1211	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1212	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1213	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1214	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1215	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C1217	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C1218	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1220	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C1222	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C1223	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1224	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C1225	1-117-372-11	s	TANTALUM, CHIP 100uF 20% 10V (7343)
C1226	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C1227	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1228	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1229	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1230	1-164-217-11	s	CERAMIC, CHIP 150pF 5% 50V (1608)
C1232	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1233	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1234	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1235	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1236	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1237	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1301	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1302	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1303	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1304	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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C1305	1-162-917-11	s	CERAMIC, CHIP 15pF 5% 50V (1608)
C1306	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1307	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1308	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1309	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1310	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1311	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C1312	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C1313	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1314	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1316	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1317	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1318	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1319	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1320	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1321	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1322	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1323	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1324	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1325	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1326	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C1327	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1328	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1329	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1330	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C1331	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1332	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1401	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1402	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1403	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1404	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C1405	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1406	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1407	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C1408	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1409	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1410	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1411	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1412	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1413	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1414	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1415	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1416	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1417	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1418	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1419	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1420	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C1421	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1422	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1423	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1424	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C1425	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C1426	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C1427	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1428	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1429	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1430	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1431	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1432	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)

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C1433	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1434	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1435	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C1436	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1437	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1438	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1439	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1440	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1441	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1442	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1443	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V (3216)
C1444	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C1445	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V (3216)
C1446	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1447	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C1448	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1449	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C1450	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C1451	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C1452	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C1453	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1454	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1455	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1456	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1457	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1458	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1459	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C1460	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1461	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1462	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1463	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1464	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1501	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1502	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1503	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1504	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1505	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1506	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1507	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1508	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1509	1-162-917-11	s	CERAMIC, CHIP 15pF 5% 50V (1608)
C1510	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C1511	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C1512	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C1513	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C1514	1-162-910-11	s	CERAMIC, CHIP 5pF 50V (1608)
C1515	1-162-916-11	s	CERAMIC, CHIP 12pF 5% 50V (1608)
C1516	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1517	1-162-916-11	s	CERAMIC, CHIP 12pF 5% 50V (1608)
C1518	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C1519	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1521	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1522	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1523	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1524	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1525	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1526	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1527	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1528	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V

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C1529	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1530	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1531	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1532	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C1533	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1534	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1535	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1536	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C1601	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1602	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1603	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1604	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C1605	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C1606	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1607	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1608	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C1609	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C1610	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C1611	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1612	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C1613	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C1615	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1616	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1617	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1618	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C1619	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1620	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1621	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1622	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1623	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1624	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1625	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C1626	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1627	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C1628	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C1629	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1630	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1631	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1632	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1633	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1634	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1635	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1636	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1637	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C1638	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1639	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1640	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1641	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1642	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1643	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1644	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1645	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V (3216)
C1646	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C1647	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1648	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V (3216)
C1649	1-135-176-21	s	TANTALUM, CHIP 0.68uF 20% 35V(3216)
C1650	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C1651	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1652	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C1653	1-135-210-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C1654	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1655	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1656	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1657	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1658	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1659	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1660	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C1661	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1662	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1663	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1664	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1665	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1666	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1701	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1702	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1703	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1704	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1705	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1706	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1707	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1708	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1709	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1710	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1711	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1712	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1713	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1714	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1715	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1716	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1717	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1718	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1719	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1720	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1721	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1722	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1723	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1724	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1725	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1726	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1727	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1728	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1729	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1730	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1731	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1732	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1733	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1734	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1735	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1736	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1737	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1738	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1739	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1740	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C1741	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1742	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1743	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1744	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1800	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C1801	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1802	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1803	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1804	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1805	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1806	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1807	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1808	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1809	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1810	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1811	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C1812	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C1813	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1814	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C1815	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1816	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C1817	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1818	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C1819	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1820	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1821	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1822	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1824	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1825	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1826	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1827	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1828	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1829	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1830	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1831	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1832	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C1833	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1834	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1835	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1837	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1838	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1839	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1840	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C1841	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1842	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1843	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1844	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1845	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1846	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1847	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C1848	1-135-180-21	s	TANTALUM, CHIP 3.3uF 10% 10V (3216)
C1849	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1850	1-135-072-21	s	TANTALUM, CHIP 0.22uF 10% 35V(3216)
C1851	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1852	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C1853	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1854	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1855	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1856	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1857	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1858	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1859	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1860	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C1861	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)

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C1862	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1863	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1864	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1865	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C1866	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1867	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1868	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1869	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1870	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1871	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C1872	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1873	1-104-608-11	s	ELECT, CHIP 33uF 20% 6.3V
C1874	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C1875	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1876	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C1877	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1878	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1879	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1880	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1881	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1882	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C1883	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1884	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C1885	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C1886	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C1887	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1888	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C1889	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1890	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1891	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1950	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1951	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C1952	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN1	1-580-057-11	o	CONNECTOR, 4P, MALE
CN100	1-784-200-11	o	CONNECTOR, B-B 140P, MALE
D101	8-719-941-23	s	DIODE DA204U
D301	8-719-941-23	s	DIODE DA204U
D501	8-719-024-81	s	DIODE 1SS300
D502	8-719-024-81	s	DIODE 1SS300
D503	8-719-941-23	s	DIODE DA204U
D504	8-719-404-35	s	DIODE MA141WK
D505	8-719-159-85	s	DIODE RD2.0M-B
D701	8-719-024-81	s	DIODE 1SS300
D702	8-719-941-23	s	DIODE DA204U
D703	8-719-404-35	s	DIODE MA141WK
D704	8-719-159-85	s	DIODE RD2.0M-B
D901	8-719-991-27	s	LED CL-170G-CD, GRN
D902	*2 8-719-159-85	s	DIODE RD2.0M-B
D903	8-719-159-85	s	DIODE RD2.0M-B
D904	*2 8-719-159-85	s	DIODE RD2.0M-B
D905	8-719-159-85	s	DIODE RD2.0M-B
D906	*2 8-719-159-85	s	DIODE RD2.0M-B
D907	*2 8-719-159-85	s	DIODE RD2.0M-B
D1101	8-719-941-23	s	DIODE DA204U
D1102	8-719-941-23	s	DIODE DA204U
D1103	8-719-404-35	s	DIODE MA141WK
D1104	8-719-941-23	s	DIODE DA204U
D1201	8-719-941-23	s	DIODE DA204U

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D1202	8-719-941-23	s	DIODE DA204U
D1204	8-719-941-23	s	DIODE DA204U
D1301	8-719-941-23	s	DIODE DA204U
D1401	8-719-941-23	s	DIODE DA204U
D1402	8-719-941-23	s	DIODE DA204U
D1405	8-719-032-05	s	DIODE, VARICAP KV1460T
D1406	8-719-032-05	s	DIODE, VARICAP KV1460T
D1501	8-719-941-23	s	DIODE DA204U
D1502	8-719-024-81	s	DIODE 1SS300
D1601	8-719-941-23	s	DIODE DA204U
D1602	8-719-941-23	s	DIODE DA204U
D1603	8-719-032-05	s	DIODE, VARICAP KV1460T
D1604	8-719-032-05	s	DIODE, VARICAP KV1460T
D1701	8-719-404-35	s	DIODE MA141WK
D1702	8-719-024-81	s	DIODE 1SS300
D1703	8-719-024-81	s	DIODE 1SS300
D1704	8-719-024-81	s	DIODE 1SS300
D1705	8-719-024-81	s	DIODE 1SS300
D1800	8-719-024-81	s	DIODE 1SS300
D1801	8-719-024-81	s	DIODE 1SS300
D1802	8-719-991-27	s	LED CL-170G-CD, GRN
D1803	8-719-941-23	s	DIODE DA204U
D1808	8-719-941-86	s	DIODE DAN202U
D1809	8-719-941-09	s	DIODE DAP202U
D1810	8-719-941-09	s	DIODE DAP202U
D1910	8-719-938-72	s	DIODE SB01-05CP
FL101	1-416-645-11	s	DELAY LINE 55ns
FL103	1-416-478-11	s	DELAY LINE
FL301	1-416-646-11	s	DELAY LINE 55ns
FL303	1-416-480-11	s	DELAY LINE
FL502	1-234-001-11	s	FILTER, LOW-PASS
FL503	1-234-320-11	s	FILTER, LOW-PASS
FL504	1-234-324-11	s	FILTER, LOW-PASS
FL702	1-234-008-11	s	FILTER, LOW-PASS
FL703	1-234-318-11	s	FILTER, LOW-PASS
FL1101	1-234-322-11	s	FILTER, LOW-PASS
FL1201	1-234-325-11	s	FILTER, LOW-PASS
IC101	8-752-052-75	s	IC CXA1479Q
IC102	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC103	8-759-112-53	s	IC UPC1663G
IC104	8-759-058-64	s	IC TC7S32FU
IC105	8-752-052-73	s	IC CXA1451M
IC106	8-759-523-01	s	IC TC74HC4052AFT(EL)
IC108	8-759-287-54	s	IC TL084CPW
IC109	8-759-523-78	s	IC TC74VHC00FT(EL)
IC110	8-759-058-62	s	IC TC7S08FU
IC111	8-759-058-62	s	IC TC7S08FU
IC112	8-759-196-97	s	IC TC7SH32FU
IC302	8-752-052-75	s	IC CXA1479Q
IC304	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC305	8-752-052-73	s	IC CXA1451M
IC308	8-759-287-54	s	IC TL084CPW
IC309	8-759-082-58	s	IC TC7W08FU
IC310	8-759-238-88	s	IC TC7S02FU
IC311	8-759-058-62	s	IC TC7S08FU
IC312	8-759-196-97	s	IC TC7SH32FU
IC451	8-759-927-46	s	IC SN74HC00ANS

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Ref. No. or Q'ty	Part No.	SP	Description
IC500	8-759-242-78	s	IC TC7W02FU
IC501	8-759-058-58	s	IC TC7S04FU
IC502	8-759-082-59	s	IC TC7W32FU
IC503	8-759-359-66	s	IC TL082CPW
IC504	8-752-052-77	s	IC CXA1450M
IC505	8-752-052-48	s	IC CXA1370Q
IC506	8-759-058-58	s	IC TC7S04FU
IC508	1-809-541-11	s	HIC H8D7132D
IC511	8-752-052-73	s	IC CXA1451M
IC512	8-759-260-53	s	IC LM2903PW
IC513	8-759-012-00	s	IC MC10H116M
IC600	8-759-196-97	s	IC TC7SH32FU
IC651	8-759-927-46	s	IC SN74HC00ANS
IC701	8-759-082-59	s	IC TC7W32FU
IC702	8-752-052-48	s	IC CXA1370Q
IC703	1-809-541-11	s	HIC H8D7132D
IC704	8-759-260-53	s	IC LM2903PW
IC705	8-752-052-73	s	IC CXA1451M
IC706	8-759-012-00	s	IC MC10H116M
IC710	8-759-058-62	s	IC TC7S08FU
IC901	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC902	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC903	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC904	8-759-082-61	s	IC TC4W53FU
IC905	8-759-635-27	s	IC M62352GP
IC906	8-759-635-27	s	IC M62352GP
IC907	8-759-523-03	s	IC TC74HC4066AFT(EL)
IC908	8-759-263-32	s	IC UPD78011BGC-608-AB8
IC909	8-759-488-17	s	IC BR93LC46F-E2
IC910	8-759-485-79	s	IC TC7SET08FU
IC911	8-759-388-62	s	IC NJU7062M
IC912 *2	8-759-337-40	s	IC NJM2904V
IC914	8-759-337-40	s	IC NJM2904V
IC915	8-759-337-40	s	IC NJM2904V
IC916 *2	8-759-710-88	s	IC NJM431U
IC917	8-759-710-88	s	IC NJM431U
IC918	8-759-710-88	s	IC NJM431U
IC920	8-729-045-28	s	TRANSISTOR SI4532DY
IC921	8-729-045-28	s	TRANSISTOR SI4532DY
IC922	8-729-045-28	s	TRANSISTOR SI4532DY
IC1101	8-759-082-57	s	IC TC7W04FU
IC1102	8-759-702-08	s	IC NJM360M
IC1103	8-759-287-54	s	IC TL084CPW
IC1104	8-759-082-60	s	IC TC7S66FU
IC1105	8-759-082-61	s	IC TC4W53FU
IC1106	8-759-082-58	s	IC TC7W08FU
IC1107	8-759-337-40	s	IC NJM2904V
IC1108	8-752-376-32	s	IC CXD2310AR
IC1109	8-752-362-70	s	IC CXD101-106Q
IC1110	8-759-337-40	s	IC NJM2904V
IC1111	8-759-710-88	s	IC NJM431U
IC1112	8-759-710-88	s	IC NJM431U
IC1113	8-759-710-88	s	IC NJM431U
IC1114	8-759-209-90	s	IC TC4S71F
IC1201	8-759-287-54	s	IC TL084CPW
IC1202	8-759-082-60	s	IC TC7S66FU
IC1203	8-759-082-61	s	IC TC4W53FU
IC1207	8-752-376-32	s	IC CXD2310AR
IC1208	8-752-362-70	s	IC CXD101-106Q

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Ref. No. or Q'ty	Part No.	SP	Description
IC1214	8-759-209-90	s	IC TC4S71F
IC1301	8-752-358-08	s	IC CXD2221Q
IC1302	8-759-359-66	s	IC TL082CPW
IC1303	8-759-082-60	s	IC TC7S66FU
IC1304	8-759-973-82	s	IC TLC549IPS
IC1305	8-759-395-37	s	IC XRD7523AID-JTR
IC1306	8-759-359-66	s	IC TL082CPW
IC1307	8-759-082-59	s	IC TC7W32FU
IC1402	8-759-287-54	s	IC TL084CPW
IC1404	8-759-907-81	s	IC SN74LS221NS
IC1405	8-759-980-44	s	IC TL712CPS
IC1406	8-759-058-62	s	IC TC7S08FU
IC1407	8-759-523-03	s	IC TC74HC4066AFT(EL)
IC1408	8-759-242-78	s	IC TC7W02FU
IC1409	8-759-287-54	s	IC TL084CPW
IC1410	8-759-196-93	s	IC TC7SH00FU
IC1411	8-759-196-93	s	IC TC7SH00FU
IC1501	8-752-358-08	s	IC CXD2221Q
IC1502	8-759-287-54	s	IC TL084CPW
IC1503	8-759-082-60	s	IC TC7S66FU
IC1504	8-759-973-82	s	IC TLC549IPS
IC1505	8-759-395-37	s	IC XRD7523AID-JTR
IC1506	8-759-359-66	s	IC TL082CPW
IC1507	8-759-196-93	s	IC TC7SH00FU
IC1510	8-759-196-93	s	IC TC7SH00FU
IC1601*2	8-759-184-64	s	IC TC4W66FU
IC1603	8-759-260-53	s	IC LM2903PW
IC1605	8-759-287-54	s	IC TL084CPW
IC1606	8-759-523-03	s	IC TC74HC4066AFT(EL)
IC1608	8-759-980-44	s	IC TL712CPS
IC1609	8-759-907-81	s	IC SN74LS221NS
IC1610	8-759-058-62	s	IC TC7S08FU
IC1611	8-759-242-78	s	IC TC7W02FU
IC1612	8-759-359-66	s	IC TL082CPW
IC1614	8-759-524-19	s	IC TC74VHC164FT(EL)
IC1701	8-759-058-64	s	IC TC7S32FU
IC1702	8-759-055-71	s	IC CXD8313Q
IC1703	8-759-055-71	s	IC CXD8313Q
IC1704	8-752-359-55	s	IC CXK48324R
IC1705	8-752-359-55	s	IC CXK48324R
IC1706	8-759-277-63	s	IC TC7W14FU
IC1707	8-759-523-94	s	IC TC74VHC32FT(EL)
IC1708	8-752-341-32	s	IC CXD2209Q
IC1709	8-759-524-22	s	IC TC74VHC175FT(EL)
IC1710	8-759-523-95	s	IC TC74VHC74FT(EL)
IC1711	8-759-524-18	s	IC TC74VHC163FT(EL)
IC1712	8-752-341-32	s	IC CXD2209Q
IC1713	8-752-341-32	s	IC CXD2209Q
IC1714	8-759-399-52	s	IC CXD8935BQ
IC1715	8-759-277-63	s	IC TC7W14FU
IC1716	8-759-524-10	s	IC TC74VHC157FT(EL)
IC1717	8-759-196-96	s	IC TC7SH08FU
IC1718	8-759-058-64	s	IC TC7S32FU
IC1800	8-759-082-58	s	IC TC7W08FU
IC1801	8-759-491-51	s	IC TC74VHCT245AFT(EL)
IC1802	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC1803	8-759-082-58	s	IC TC7W08FU
IC1804	8-759-523-84	s	IC TC74VHC14FT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC1805	8-759-387-54	s	IC S-80727-SN-DQ
IC1806	8-759-058-62	s	IC TC7S08FU
IC1807	8-759-083-94	s	IC TC7W74FU
IC1809	8-759-702-08	s	IC NJM360M
IC1810	8-759-195-81	s	IC TC7S86FU
IC1811	8-759-058-62	s	IC TC7S08FU
IC1812	8-759-488-17	s	IC BR93LC46F-E2
IC1813	8-759-395-37	s	IC XRD7523AID-JTR
IC1814	8-759-295-09	s	IC TLC2932IPW
IC1815	8-759-710-88	s	IC NJM431U
IC1816	8-759-195-81	s	IC TC7S86FU
IC1817	8-759-278-58	s	IC NJM4558V
IC1818	8-759-082-60	s	IC TC7S66FU
IC1819	8-759-359-66	s	IC TL082CPW
IC1820	8-759-260-53	s	IC LM2903PW
IC1821	8-759-082-57	s	IC TC7W04FU
IC1822	8-759-058-62	s	IC TC7S08FU
IC1823	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC1824	8-752-356-05	s	IC CXD206-104Q
IC1825	8-759-524-50	s	IC TC74VHC541FT(EL)
IC1826	8-759-524-50	s	IC TC74VHC541FT(EL)
IC1827	8-759-359-66	s	IC TL082CPW
IC1828	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC1829	8-752-360-90	s	IC CXD303-101Q
IC1830	8-752-355-09	s	IC CXD104-114Q
IC1831	8-759-524-52	s	IC TC74VHC574FT(EL)
IC1832	8-759-524-52	s	IC TC74VHC574FT(EL)
IC1833	8-759-523-78	s	IC TC74VHC00FT(EL)
IC1834	8-759-058-64	s	IC TC7S32FU
IC1835	8-759-058-64	s	IC TC7S32FU
IC1836	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC1837	8-759-907-81	s	IC SN74LS221NS
IC1838	8-759-523-95	s	IC TC74VHC74FT(EL)
IC1839	8-759-523-95	s	IC TC74VHC74FT(EL)
IC1840	8-759-058-58	s	IC TC7S04FU
IC1841	8-759-058-62	s	IC TC7S08FU
IC1951	8-759-523-79	s	IC TC74VHC02FT(EL)
IC1952	8-759-523-93	s	IC TC74VHC27FT
IC1953	8-759-523-81	s	IC TC74VHC08FT(EL)
IC1954	8-759-523-94	s	IC TC74VHC32FT(EL)
IC1955	8-759-523-81	s	IC TC74VHC08FT(EL)
L102	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L103	1-410-369-11	s	INDUCTOR, CHIP 1.0uH (3225)
L104	1-410-383-31	s	INDUCTOR, CHIP 15uH (3225)
L105	1-410-372-21	s	INDUCTOR, CHIP 1.8uH (3225)
L106	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L107	1-410-378-11	s	INDUCTOR, CHIP 5.6uH (3225)
L108	1-410-379-31	s	INDUCTOR, CHIP 6.8uH (3225)
L109	1-410-378-11	s	INDUCTOR, CHIP 5.6uH (3225)
L110	1-410-379-31	s	INDUCTOR, CHIP 6.8uH (3225)
L111	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L112	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L113	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L114	1-410-377-31	s	INDUCTOR, CHIP 4.7uH (3225)
L115	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L116	1-410-378-11	s	INDUCTOR, CHIP 5.6uH (3225)
L117	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L118	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)

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Ref. No. or Q'ty	Part No.	SP	Description
L119	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L120	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L121	1-410-371-41	s	INDUCTOR, CHIP 1.5uH (3225)
L122	1-410-371-41	s	INDUCTOR, CHIP 1.5uH (3225)
L123	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L124	1-410-382-31	s	INDUCTOR, CHIP 12uH (3225)
L125	1-412-203-11	s	INDUCTOR, CHIP 560uH (3225)
L302	1-410-379-31	s	INDUCTOR, CHIP 6.8uH (3225)
L303	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L304	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L305	1-410-379-31	s	INDUCTOR, CHIP 6.8uH (3225)
L306	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L307	1-412-282-41	s	INDUCTOR, CHIP 470uH (3225)
L308	1-412-282-41	s	INDUCTOR, CHIP 470uH (3225)
L309	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L310	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L311	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L312	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L313	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L314	1-410-380-31	s	INDUCTOR, CHIP 8.2uH (3225)
L315	1-410-371-41	s	INDUCTOR, CHIP 1.5uH (3225)
L316	1-410-371-41	s	INDUCTOR, CHIP 1.5uH (3225)
L317	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L318	1-410-383-31	s	INDUCTOR, CHIP 15uH (3225)
L319	1-412-203-11	s	INDUCTOR, CHIP 560uH (3225)
L451	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L501	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L502	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L503	1-412-282-41	s	INDUCTOR, CHIP 470uH (3225)
L504	1-412-206-11	s	INDUCTOR, CHIP 1.0mH (3225)
L505	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L506	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L507	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L508	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L509	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L510	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L511	1-414-396-21	s	INDUCTOR, CHIP 4.7uH (3225)
L512	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L513	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L514	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L651	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L701	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L702	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L703	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L704	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L705	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L706	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L707	1-414-396-21	s	INDUCTOR, CHIP 4.7uH (3225)
L708	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L901	1-409-579-11	s	COIL, CHOKE 8.2uH
L902	1-409-579-11	s	COIL, CHOKE 8.2uH
L903	1-409-579-11	s	COIL, CHOKE 8.2uH
L904	1-409-579-11	s	COIL, CHOKE 8.2uH
L905	1-409-579-11	s	COIL, CHOKE 8.2uH
L906	1-409-579-11	s	COIL, CHOKE 8.2uH
L907	1-409-579-11	s	COIL, CHOKE 8.2uH
L1101	1-412-193-11	s	INDUCTOR, CHIP 68uH (3225)
L1102	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1103	1-412-196-11	s	INDUCTOR, CHIP 150uH (3225)

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Ref. No. or Q'ty	Part No.	SP	Description
L1104	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1105	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1106	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1201	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1202	1-412-196-11	s	INDUCTOR, CHIP 150uH (3225)
L1203	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1204	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1205	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1301	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1302	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1303	1-412-280-31	s	INDUCTOR, CHIP 330uH (3225)
L1304	1-412-204-11	s	INDUCTOR, CHIP 680uH (3225)
L1305	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1310	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1401	1-410-391-11	s	INDUCTOR, CHIP 68uH (3225)
L1402	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1403	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L1501	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1502	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1503	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L1504	1-410-658-31	s	INDUCTOR, CHIP 220uH (3225)
L1505	1-410-383-31	s	INDUCTOR, CHIP 15uH (3225)
L1506	1-410-387-11	s	INDUCTOR, CHIP 33uH (3225)
L1507	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1601	1-410-388-31	s	INDUCTOR, CHIP 39uH (3225)
L1602	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1603	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L1610	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L1701	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1702	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1801	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1802	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1803	1-410-390-11	s	INDUCTOR, CHIP 56uH (3225)
L1804	1-410-390-11	s	INDUCTOR, CHIP 56uH (3225)
L1805	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1806	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1807	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1808	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L1810	1-410-803-11	s	INDUCTOR, CHIP 0.047uH (3225)
LV1401	1-406-746-11	s	INDUCTOR, VAR 22uH
LV1601	1-406-746-11	s	INDUCTOR, VAR 22uH
Q101	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q102	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q103	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q104	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q105	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q106	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q107	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q108	8-729-028-91	s	TRANSISTOR DTA144EUA
Q109	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q110	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q111	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q112	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q113	8-729-028-91	s	TRANSISTOR DTA144EUA
Q114	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q115	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q116	8-729-028-91	s	TRANSISTOR DTA144EUA
Q117	8-729-143-07	s	TRANSISTOR 2SA1610-Y33

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Ref. No. or Q'ty	Part No.	SP	Description
Q118	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q119	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q120	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q121	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q122	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q123	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q124	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q125	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q126	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q127	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q128	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q129	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q130	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q131	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q132	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q133	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q134	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q135	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q136	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q137	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q138	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q139	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q140	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q141	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q142	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q143	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q151 *2	8-729-209-07	s	TRANSISTOR 2SC4213-B
*1	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q301	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q302	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q303	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q304	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q305	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q306	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q307	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q308	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q309	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q310	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q311	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q312	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q313	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q314	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q315	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q316	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q317	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q318	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q319	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q320	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q321	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q322	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q351 *2	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q450	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q451	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q452	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q453	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q454	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q455	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q456	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q457	8-729-143-07	s	TRANSISTOR 2SA1610-Y33

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Ref. No. or Q'ty	Part No.	SP	Description
Q458	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q501	8-729-029-14	s	TRANSISTOR DTC144EUA
Q502	8-729-029-14	s	TRANSISTOR DTC144EUA
Q503	8-729-028-91	s	TRANSISTOR DTA144EUA
Q504	8-729-028-91	s	TRANSISTOR DTA144EUA
Q506	8-729-904-41	s	TRANSISTOR FMY3
Q507	8-729-904-41	s	TRANSISTOR FMY3
Q509	8-729-904-41	s	TRANSISTOR FMY3
Q510	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q511	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q512	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q513	8-729-028-91	s	TRANSISTOR DTA144EUA
Q514	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q515	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q516	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q517	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q518	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q519	8-729-029-14	s	TRANSISTOR DTC144EUA
Q520	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q521	8-729-029-14	s	TRANSISTOR DTC144EUA
Q522	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q523	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q524	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q525	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q526	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q651	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q652	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q653	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q654	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q655	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q656	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q657	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q658	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q659	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q660	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q661	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q662	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q704	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q705	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q706	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q707	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q708	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q709	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q710	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q711	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q712	8-729-028-91	s	TRANSISTOR DTA144EUA
Q713	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q714	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q715	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q716	8-729-029-14	s	TRANSISTOR DTC144EUA
Q717	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q719	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q720	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q721	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q722	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q723	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q901	8-729-029-14	s	TRANSISTOR DTC144EUA
Q902	8-729-029-14	s	TRANSISTOR DTC144EUA
Q903	8-729-029-14	s	TRANSISTOR DTC144EUA

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Ref. No. or Q'ty	Part No.	SP	Description
Q904	8-729-029-14	s	TRANSISTOR DTC144EUA
Q905	8-729-106-60	s	TRANSISTOR 2SB1115A
Q906 *2	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q907	8-729-106-60	s	TRANSISTOR 2SB1115A
Q907 *2	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q908 *2	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q910 *2	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q911	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q912	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q913	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q914 *2	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q915 *2	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q916 *2	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q917	8-729-028-91	s	TRANSISTOR DTA144EUA
Q918	8-729-028-91	s	TRANSISTOR DTA144EUA
Q919	8-729-028-91	s	TRANSISTOR DTA144EUA
Q920	8-729-029-14	s	TRANSISTOR DTC144EUA
Q921	8-729-029-14	s	TRANSISTOR DTC144EUA
Q922	8-729-029-14	s	TRANSISTOR DTC144EUA
Q1101	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1102	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1103	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1104	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1105	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q1106	8-729-907-26	s	TRANSISTOR IMX1
Q1107	8-729-904-04	s	TRANSISTOR FMS2
Q1108	8-729-029-14	s	TRANSISTOR DTC144EUA
Q1109	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q1110	8-729-907-26	s	TRANSISTOR IMX1
Q1111	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1201	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1202	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1203	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1204	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1205	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q1206	8-729-907-26	s	TRANSISTOR IMX1
Q1207	8-729-904-04	s	TRANSISTOR FMS2
Q1208	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q1209	8-729-907-26	s	TRANSISTOR IMX1
Q1210	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1301	8-729-907-26	s	TRANSISTOR IMX1
Q1302	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1401	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1402	8-729-029-14	s	TRANSISTOR DTC144EUA
Q1403	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1404	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1405	8-729-140-47	s	TRANSISTOR 2SC3735-L-B35
Q1406	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1407	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1408	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1409	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1410	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1411	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1412	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1501	8-729-907-26	s	TRANSISTOR IMX1
Q1502	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1601	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1602	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1603	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6

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Ref. No. or Q'ty	Part No.	SP	Description
Q1604	8-729-140-47	s	TRANSISTOR 2SC3735-L-B35
Q1605	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1606	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1607	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1608	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1609	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1610	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1611	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1801	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q1802	8-729-029-14	s	TRANSISTOR DTC144EUA
Q1803	8-729-029-14	s	TRANSISTOR DTC144EUA
Q1805	8-729-029-14	s	TRANSISTOR DTC144EUA
R101	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R102	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R103	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R104	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R105	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R106	1-218-671-11	s	METAL, CHIP 130 0.5% 1/16W (1608)
R107	1-218-670-11	s	METAL, CHIP 120 0.5% 1/16W (1608)
R108	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R109	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R110	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R111	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R114	1-216-864-11	s	METAL, CHIP 0 (1608)
R115	1-216-864-11	s	METAL, CHIP 0 (1608)
R116	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R117	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R118	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R119	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R120	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R121	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R122	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R123	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R125	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R126	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R127	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R128	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R129	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R130	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R131	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R132	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R133	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R134	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R135	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R136	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R137	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R138	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R139	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R140	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R141	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R142	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R143	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R144	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R145	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R146	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R147	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R148	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R149	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R150	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R151	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R153	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R154	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R155	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R156	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R157	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R158	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R159	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R160	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R161	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R162	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R163	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R164	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R165	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R166	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R167	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R168	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R169	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R170	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R171	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R172	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R173	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R174	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R175	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R176	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R177	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R178	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R179	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R180	1-218-683-11	s	METAL, CHIP 430 0.5% 1/16W (1608)
R181	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R182	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R183	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R184	1-218-683-11	s	METAL, CHIP 430 0.5% 1/16W (1608)
R185	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R186	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R187	1-218-677-11	s	METAL, CHIP 240 0.5% 1/16W (1608)
R188	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R189	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R190	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R191	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R192	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R193	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R194	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R195	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R196	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R197	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R198	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R199	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R200	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R201	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R202	1-218-681-11	s	METAL, CHIP 360 0.5% 1/16W (1608)
R203	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R204	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R205	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R206	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R207	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R208	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R209	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R210	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R211	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R212	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R213	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R214	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R215	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R216	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R217	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R218	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R219	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R220	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R221	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R222	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R223	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R224	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R225	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R228	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R229	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R230	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R231	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R233	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R234	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R235	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R236	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R237	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R238	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R239	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R240	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R241	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R242	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R243	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R244	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R245	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R246	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R247	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R248	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R249	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R250	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R251	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R252	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R253	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R254	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R255	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R256	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R257	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R258	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R259	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R260	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R261	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R262	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R263	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R264	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R265	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R266	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R267	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R268	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R269	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R270	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R271	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R272	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R273	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R274	1-216-864-11	s	METAL, CHIP 0 (1608)
R275	1-216-864-11	s	METAL, CHIP 0 (1608)
R291	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R300 *2	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R301	1-218-671-11	s	METAL, CHIP 130 0.5% 1/16W (1608)
R302	1-218-670-11	s	METAL, CHIP 120 0.5% 1/16W (1608)
R303	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R307	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R311	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R313	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R319	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R320	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R321	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R322	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R323	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R324	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R325	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R326	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R328	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R329	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R330	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R331	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R332	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R333	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R334	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R335	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R337	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R338	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R339	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R340	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R341	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R342	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R343	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R344	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R345	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R346	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R347	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R348	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R349	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R350	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R351	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R352	1-218-683-11	s	METAL, CHIP 430 0.5% 1/16W (1608)
R353	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R354	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R355	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R356	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R357	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R358	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R360	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R361	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R362	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R363	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R364	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R365	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R366	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R367	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R368	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R369	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R370	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R371	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R372	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R373	1-218-681-11	s	METAL, CHIP 360 0.5% 1/16W (1608)
R374	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R375	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R376	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R377	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R378	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R379	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R380	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R381	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R382	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R383	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R384	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R385	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R386	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R387	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R388	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R389	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R390	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R391	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R392	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R393	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R396	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R397	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R399	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R400	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R401	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R402	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R403	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R404	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R405	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R406	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R407	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R408	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R409	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R410	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R411	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R412	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R413	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R414	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R415	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R416	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R417	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R418	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R419	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R420	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R421	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R422	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R423	1-216-864-11	s	METAL, CHIP 0 (1608)
R424	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R425	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R450	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R451	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R452	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R453	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R454	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R455	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R456	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R457	1-218-717-11	s	METAL, CHIP 11K 0.5% 1/16W (1608)
R458	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R459	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R460	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R461	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R462	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R463	1-218-717-11	s	METAL, CHIP 11K 0.5% 1/16W (1608)
R464	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R465	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R466	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R468	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R469	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R470	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R471	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R472	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R473	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R474	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R475	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R476	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R477	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R478	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R479	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R480	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R481	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R491	*2 1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R501	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R502	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R503	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R504	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R505	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R506	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R507	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R508	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R510	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R511	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R512	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R513	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R514	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R515	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R517	1-218-691-11	s	METAL, CHIP 910 0.5% 1/16W (1608)
R518	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R519	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R521	1-216-864-11	s	METAL, CHIP 0 (1608)
R522	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R523	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R524	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R525	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R526	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R527	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R528	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R529	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R530	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R531	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R532	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R533	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R534	1-218-675-11	s	METAL, CHIP 200 0.5% 1/16W (1608)
R535	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R537	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R538	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R539	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R540	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R541	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R542	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R543	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R548	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R549	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R552	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R553	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R555	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R556	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R557	1-218-721-11	s	METAL, CHIP 16K 0.5% 1/16W (1608)
R559	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R563	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R565	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R566	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R568	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R569	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R571	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R573	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R574	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R575	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R576	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R577	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R578	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)
R579	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R580	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R581	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R582	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R583	1-218-661-11	s	METAL, CHIP 51 0.5% 1/16W (1608)
R585	1-216-864-11	s	METAL, CHIP 0 (1608)
R586	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R587	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R588	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R589	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R590	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R591	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R592	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R593	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R594	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R595	1-216-864-11	s	METAL, CHIP 0 (1608)
R600	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R603	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R604	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R605	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R606	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R607	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R608	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R609	1-218-719-11	s	METAL, CHIP 13K 0.5% 1/16W (1608)
R610	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R611	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R612	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R613	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R614	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R615	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R616	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R617	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R618	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R619	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R620	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R621	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R622	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R623	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R624	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R625	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R626	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R627	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R628	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R629	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R630	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R631	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R633	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R634	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R635	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R636	1-218-687-11	s	METAL, CHIP 620 0.5% 1/16W (1608)
R637	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R638	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R639	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R640	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R641	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R642	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R643	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R644	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R645	1-218-661-11	s	METAL, CHIP 51 0.5% 1/16W (1608)
R646	1-216-864-11	s	METAL, CHIP 0 (1608)
R647	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R648	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R651	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R652	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R653	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R654	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R655	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R656	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R657 *2	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
*1	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R658	1-218-717-11	s	METAL, CHIP 11K 0.5% 1/16W (1608)
R659	1-218-717-11	s	METAL, CHIP 11K 0.5% 1/16W (1608)
R660	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R661	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R662	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R663	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R664	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R665	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R666	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R667	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R668	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R669	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R670	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R671	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R672	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R673	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R674 *2	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
*1	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R675	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R676	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R677	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R678	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R679	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R680	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R681	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R682	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R683	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R684	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R685	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R686	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R687	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R691	1-216-864-11	s	METAL, CHIP 0 (1608)
R701	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R702	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R703	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R704	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R705	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R706	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R707	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R708	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R709	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R710	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R711	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R712	1-218-681-11	s	METAL, CHIP 360 0.5% 1/16W (1608)
R713	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R715	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R716	1-218-693-11	s	METAL, CHIP 1.1K 0.5% 1/16W (1608)
R717	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R718	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R719	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R725	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R726	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R727	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R729	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R730	1-218-701-11	s	METAL, CHIP 2.4K 0.5% 1/16W (1608)
R731	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R732	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R733	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R735	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R737	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R738	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R739	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R740	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R741	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R742	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R743	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R744	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R745	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R746	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R747	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R748	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R749	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R750	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R751	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R752	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R753	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R754	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R755	1-218-661-11	s	METAL, CHIP 51 0.5% 1/16W (1608)
R756	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R757	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R758	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R759	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R761	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R762	1-218-719-11	s	METAL, CHIP 13K 0.5% 1/16W (1608)
R763	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R764	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R765	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R766	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R767	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R768	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R769	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R770	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R771	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R772	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R773	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R774	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R775	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R776	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R777	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R778	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R779	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R780	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R781	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R782	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R783	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R784	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R785	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R786	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R787	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R788	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R789	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R790	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R791	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R792	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R793	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R794	1-218-687-11	s	METAL, CHIP 620 0.5% 1/16W (1608)
R795	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R796	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R797	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R798	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R799	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R800	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R801	1-216-864-11	s	METAL, CHIP 0 (1608)
R802	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R803	1-218-661-11	s	METAL, CHIP 51 0.5% 1/16W (1608)
R804	1-216-864-11	s	METAL, CHIP 0 (1608)
R808 *2	1-216-864-11	s	METAL, CHIP 0 (1608)
R901	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R902	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R903	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R904	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R905	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R906	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R907	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R908	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R909	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R910	1-216-864-11	s	METAL, CHIP 0 (1608)
R911	1-216-864-11	s	METAL, CHIP 0 (1608)
R912	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R913	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R915	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R916	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R917	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R918	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R919	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R920	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R921	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R922	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R923	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R924	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R925	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R926	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R928	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R929	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R930	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R931	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R933	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R934	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R935	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R936	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R937	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R938	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R939	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R940	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R941	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R942	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R943	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R944	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R945	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R946	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R947 *2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R948	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R949 *2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R950 *2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R951 *2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R952	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R953 *2	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R954	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R955 *2	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R956 *2	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R957 *2	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R958	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R959 *2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R960	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R961	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R962 *2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R963 *2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R964	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R965	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R966	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R967	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R968 *2	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R969 *2	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R970	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R971	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R972 *2	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R973	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R974	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R975	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R976	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R977 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R978 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R979	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R980 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R981	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R982 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R983 *2	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R984 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R985	1-216-864-11	s	METAL, CHIP 0 (1608)
R986	1-216-864-11	s	METAL, CHIP 0 (1608)
R987	1-216-864-11	s	METAL, CHIP 0 (1608)
R988	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R990	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R991 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R993	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R994	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R995	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R996	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R997	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R998	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R999	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1000	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1001	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1003	1-216-864-11	s	METAL, CHIP 0 (1608)
R1101	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R1102	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1103	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1104	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R1105	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1106	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1107	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1108	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1109	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1110	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1111	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1112	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1113	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R1114	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1115	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1116	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1117	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1118	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1119	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1120	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1121	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R1122	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1123	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R1124	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1125	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1126	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1127	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1128	1-218-725-11	s	METAL, CHIP 24K 0.5% 1/16W (1608)
R1129	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1130	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1131	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1132	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R1133	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1134	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R1135	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1136	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1137	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R1138	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1139	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R1140	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1141	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1142	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R1143	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1145	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1146	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1151	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1152	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1153	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1154	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1155	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1156	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1157	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1158	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1159	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1160	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1161	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1162	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1163	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1164	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1165	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1166	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R1167	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1168	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1201	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1202	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R1203	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1204	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1205	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1206	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1207	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1208	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R1209	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1210	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1211	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1212	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1213	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1214	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1215	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1216	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R1217	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1218	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R1219	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R1220	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1221	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1222	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1223	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1224	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R1225	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1226	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1227	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1228	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R1229	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1230	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R1231	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R1232	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1233	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1234	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1235	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1237	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R1238	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1239	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1240	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1245	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1246	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1247	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1248	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1249	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1250	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1251	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1252	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1253	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1268	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1300	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1301	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1302	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1303	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1304	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1305	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1306	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1307	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1308	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R1309	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1310	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R1311	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1312	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R1313	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1314	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1315	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1316	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1317	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1318	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1319	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1320	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1321	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R1322	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R1323	1-216-864-11	s	METAL, CHIP 0 (1608)
R1324	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1325	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1326	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1328	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1329	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1330	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1331	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1332	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1333	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1334	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1335	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1336	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1338	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1339	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R1340	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1341	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1342	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1343	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R1344	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1345	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1346	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1347	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R1349	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1350	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R1351	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1352	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R1353	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1354	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1355	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1356	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1357	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1358	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R1359	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1360	1-218-701-11	s	METAL, CHIP 2.4K 0.5% 1/16W (1608)
R1361	1-218-664-11	s	METAL, CHIP 68 0.5% 1/16W (1608)
R1362	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1363	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1364	1-218-717-11	s	METAL, CHIP 11K 0.5% 1/16W (1608)
R1365 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
*1	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R1366 *2	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
*1	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R1367	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1368	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R1369	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1370	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R1371	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1372	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1373	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1374	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1375	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1376	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1377	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1378	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1379	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R1380	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1381	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1382	1-218-687-11	s	METAL, CHIP 620 0.5% 1/16W (1608)
R1383	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1384	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1385	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1386	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1387	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1388	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1389	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1390	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R1391	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1392	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1393	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1394	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1395	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1396	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1397	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1398	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1399	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1400	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1401	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1402	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1403	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1404	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R1405	1-216-864-11	s	METAL, CHIP 0 (1608)
R1406	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1407	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1408	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1409	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1410	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1411	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1412	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1413	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1414	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1415	1-218-725-11	s	METAL, CHIP 24K 0.5% 1/16W (1608)
R1416	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R1417	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1418	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R1419	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1420	1-216-864-11	s	METAL, CHIP 0 (1608)
R1421	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1422	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1423	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1424	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1425	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1426	1-216-864-11	s	METAL, CHIP 0 (1608)
R1428	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1429	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1430	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1431	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1432	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1433	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1434	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1435	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1436	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1438	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R1439 *2	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
*1	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R1440 *2	1-216-864-11	s	METAL, CHIP 0 (1608)
R1441 *2	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
*1	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1442 *2	1-216-864-11	s	METAL, CHIP 0 (1608)
R1443 *2	1-216-864-11	s	METAL, CHIP 0 (1608)
R1444	1-216-864-11	s	METAL, CHIP 0 (1608)
R1446	1-216-864-11	s	METAL, CHIP 0 (1608)
R1500	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1501	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1502	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1503	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1504	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1505	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1506	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R1507	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1508	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1509	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R1510	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1511	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1512	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1513	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1514	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1515	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1516	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1517	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1518	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1519	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R1520	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R1521	1-216-864-11	s	METAL, CHIP 0 (1608)
R1522	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1523	1-216-864-11	s	METAL, CHIP 0 (1608)
R1524	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1525	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1526	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1528	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1529	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1530	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1531	1-216-864-11	s	METAL, CHIP 0 (1608)
R1533	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1534	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1535	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1536	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1538	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R1539	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1541	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1542	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1546	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1547	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1548	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1553	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1554	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1556	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1557	1-216-864-11	s	METAL, CHIP 0 (1608)
R1558	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R1559	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1560	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1563	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1564	1-218-719-11	s	METAL, CHIP 13K 0.5% 1/16W (1608)
R1565	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1566	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R1567	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R1568	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1571	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1572	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1575	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1576	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W (1608)
R1577	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1578	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R1579	1-218-662-11	s	METAL, CHIP 56 0.5% 1/16W (1608)
R1580	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1581	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1583	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1584	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R1585	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R1586	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1587	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1588	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1589	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1590	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1591	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1592	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1593	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1594	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R1595	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1596	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1597	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1598	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1599	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1600	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1601	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1602	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1603	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1604	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1605	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R1606	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R1607	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1608	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1609	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1610	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1611	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1612	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R1613	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1614	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1615	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1616	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R1617	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1618	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1619	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1620	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1621	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1622	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1623	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1624	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1625	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1626	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1627	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R1628	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1629	1-218-725-11	s	METAL, CHIP 24K 0.5% 1/16W (1608)
R1630	1-218-699-11	s	METAL, CHIP 2.0K 0.5% 1/16W (1608)
R1631	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1632	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R1633	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1634	1-216-864-11	s	METAL, CHIP 0 (1608)
R1635	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1636	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1637	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1638	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1639	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1640	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1641	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1642	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1643	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1644	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1649	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1650	1-216-864-11	s	METAL, CHIP 0 (1608)
R1651	1-216-864-11	s	METAL, CHIP 0 (1608)
R1652 *2	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
*1	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1653	1-216-864-11	s	METAL, CHIP 0 (1608)
R1654	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1655	1-216-864-11	s	METAL, CHIP 0 (1608)
R1657	1-216-864-11	s	METAL, CHIP 0 (1608)
R1659 *2	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1660 *2	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R1702	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1703	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1704	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1705	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1706	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1707	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1708	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1709	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1710	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1711	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1712	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1713	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1714	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1715	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1716	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1717	1-216-864-11	s	METAL, CHIP 0 (1608)
R1719	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1720	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1722	1-216-864-11	s	METAL, CHIP 0 (1608)
R1724	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1725	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1726	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1727	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1728	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1731	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1732	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1733	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1734	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1737	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R1738	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1800	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1801	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1802	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1803	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1804	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1805	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1806	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1807	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1808	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1809	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1810	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1811	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1812	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)\
R1813	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1814	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1815	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1816	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1817	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1819	1-216-864-11	s	METAL, CHIP 0 (1608)
R1820	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1821	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1822	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1823	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1824	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R1825	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1826	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1828	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1829	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1831	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1832	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1833	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1834	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1835	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1836	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1840	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1841	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1842	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1843	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1844	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1846	1-216-864-11	s	METAL, CHIP 0 (1608)
R1848	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1851	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1852	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1853	1-216-864-11	s	METAL, CHIP 0 (1608)
R1854	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1855	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1856	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1857	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1858	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1859	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1861	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1862	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1863	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1864	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R1865	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1867	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1868	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1869	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1870	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1871	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R1872	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1873	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1874	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1875	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1876	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1877	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1878	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R1879	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R1880	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1881	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R1882	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1883	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R1884	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1885	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1886	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1887	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1888	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R1889	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R1890	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1891	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R1892	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R1893	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1894	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1895	1-216-864-11	s	METAL, CHIP 0 (1608)
R1896	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1897	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1898	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1899	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1900	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R1901	1-216-864-11	s	METAL, CHIP 0 (1608)
R1902	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1903	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1904	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1905	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R1906	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1907	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R1908	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R1909	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1910	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R1911	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1912	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R1913	1-216-864-11	s	METAL, CHIP 0 (1608)
R1915	1-216-864-11	s	METAL, CHIP 0 (1608)
R1916	1-216-864-11	s	METAL, CHIP 0 (1608)
R1919	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R1920	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1922	1-216-864-11	s	METAL, CHIP 0 (1608)
R1923	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1924	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1925	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1927	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1928	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1929	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1930	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1931	1-216-864-11	s	METAL, CHIP 0 (1608)
R1934	1-218-735-11	s	METAL, CHIP 62K 0.5% 1/16W (1608)
R1935	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1936	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R1937	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R1951	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1952	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R1954	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1956	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R1957 *2	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
*1	1-215-429-00	s	METAL 2.2K 0.5% 1/4W
RB1801	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB1802	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB1803	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB1808	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB1809	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB1810	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB1811	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RV101	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV102	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV104	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV105	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV106	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV107	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV108	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV109	1-237-032-11	s	RES, ADJ, CHIP CERMET 500

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Ref. No. or Q'ty	Part No.	SP	Description
RV110	1-237-031-11	s	RES, ADJ, CHIP CERMET 200
RV111	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV112	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV113	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV301	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV302	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV303	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV304	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV305	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV306	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV307	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV308	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV309	1-237-031-11	s	RES, ADJ, CHIP CERMET 200
RV310	1-237-031-11	s	RES, ADJ, CHIP CERMET 200
RV311	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV312	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV313	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
RV314 *2	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV501	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV502	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV503	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV504	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV505	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV506	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV701	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV702	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV703	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV704	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV1101	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV1201	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV1301	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV1401	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV1402	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV1410	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV1411	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV1501	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV1601	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV1605	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV1606	1-237-033-11	s	RES, ADJ, CHIP CERMET 1K
RV1801	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K
S101	1-571-275-31	s	SWITCH, SLIDE
S301	1-571-275-31	s	SWITCH, SLIDE
S501	1-571-275-31	s	SWITCH, SLIDE
S901	1-692-270-41	s	SWITCH, SLIDE
S1701	1-692-271-31	s	SWITCH, DIP 8-CKT
S1801	1-692-270-41	s	SWITCH, SLIDE
X451	1-781-440-11	s	CRYSTAL 6.272 MHz
X452	1-781-441-11	s	CRYSTAL 4.972 MHz
X453	1-781-445-11	s	CRYSTAL 7.7 MHz
X454	1-781-444-11	s	CRYSTAL 6.4 MHz
X651	1-781-443-11	s	CRYSTAL 5.3 MHz
X652	1-781-442-11	s	CRYSTAL 4.5 MHz
X653	1-781-446-11	s	CRYSTAL 4.8 MHz
X654	1-767-653-21	s	CRYSTAL 4 MHz
X901	1-767-717-11	s	CRYSTAL 8.38 MHz
X1801	1-767-717-11	s	CRYSTAL 8.38 MHz

DP-264 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -15			
*2:Board No. suffix -16			
1pc	A-8316-718-B	o	MOUNTED CIRCUIT BOARD, DP-264
C101	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C110	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C111	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C112	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C113	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C114	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C115	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C116	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C117	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C118	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C119	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C120	1-163-038-00	s	CERAMIC, CHIP 0.1uF 25V (2012)
C121	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C122	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C124	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C125	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C126	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C127	1-135-212-21	s	TANTALUM, CHIP 2.2uF 10% 35V (3528)
C128	1-104-920-11	s	TANTALUM, CHIP 4.7uF 20% 35V (6032)
C129	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C130	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C131	1-135-212-21	s	TANTALUM, CHIP 2.2uF 10% 35V (3528)
C132	1-135-212-21	s	TANTALUM, CHIP 2.2uF 10% 35V (3528)
C133	1-135-212-21	s	TANTALUM, CHIP 2.2uF 10% 35V (3528)
C134	1-135-212-21	s	TANTALUM, CHIP 2.2uF 10% 35V (3528)
C135	1-135-212-21	s	TANTALUM, CHIP 2.2uF 10% 35V (3528)
C136	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C137	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C138	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C139	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C140	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C141	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C142	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C143	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C144	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C145	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C146	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C147	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C148	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
CN1	1-750-143-11	o	PIN, SIL 7P
CN1	1-764-007-11	o	CONNECTOR, 12P, MALE
CN2	1-580-056-21	o	CONNECTOR, 3P, MALE
CN3	1-760-388-11	o	CONNECTOR, 9P, MALE
CN4 *2	1-770-572-21	o	CONNECTOR, B-B 30P, MALE
*1	1-784-604-11	o	CONNECTOR, B-B 31P, MALE
CN5	1-691-591-11	o	CONNECTOR, 8P, MALE
D1	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D2	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D3	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D4	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D5	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D6	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D7	8-719-075-45	s	LED LYA676-QR-E7537, YEL

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Ref. No. or Q'ty	Part No.	SP	Description
D8	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D9	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D10	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D11	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D12	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D13	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D14	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D101	8-719-938-72	s	DIODE SB01-05CP
D102	8-719-941-86	s	DIODE DAN202U
D103	8-719-989-53	s	LED CL-200HR-C, RED
IC101	8-759-575-00	o	IC DP264-IC101-DP-V1.04
IC102	8-759-196-96	s	IC TC7SH08FU
IC103	8-759-259-18	s	IC MB3793-42PNF-ER
IC104	8-759-184-64	s	IC TC4W66FU
IC105	8-759-337-41	s	IC NJM2902V
IC106	8-759-058-43	s	IC NJM3404AV
IC107	8-759-710-88	s	IC NJM431U
IC110	8-759-165-37	s	IC X24164SIC7000, EEP-ROM
IC111	8-759-337-40	s	IC NJM2904V
L101	1-424-673-11	s	COIL, CHOKE 4.7uH
L102	1-424-673-11	s	COIL, CHOKE 4.7uH
Q101	8-729-028-73	s	TRANSISTOR DTA114EUA
Q102	8-729-101-07	s	TRANSISTOR 2SB798-DL
Q103	8-729-141-75	s	TRANSISTOR 2SD596DV345
R1	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R3	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R4	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R5	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R6	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R7	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R101	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R102	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R103	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R104	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R105	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R106	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R107	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R108	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R109	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R110	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R111	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R112	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R113	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R114	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R115	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R116	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R117	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R118	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R119	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R121	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R122	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R123	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R124	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R125	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R126	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R127	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R128	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R129	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R130	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R131	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R132	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R133	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R135	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R136	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R137	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R138	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R139	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R140	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R141	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R142	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R143	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R144	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R145	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R146	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R147	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R148	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R149	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R150	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R151	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R152	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R153	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R154	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R155	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R156	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R157	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R158	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R159	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R160	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R161	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R162	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R163	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R164	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R165	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R166	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R167	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R168	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R169	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R171	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R172	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R173	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R174	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R176	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R177	1-218-776-11	s	METAL, CHIP 1.0M 0.5% 1/10W (2012)
R178	1-218-776-11	s	METAL, CHIP 1.0M 0.5% 1/10W (2012)
R179	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R180	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R181	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R182	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R183	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R184	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R185	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R186	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R187	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R188	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R189	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R190	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R191	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R192	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R193	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R194	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R195	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R196	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R197	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R198	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R199	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R200	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R211	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R212	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R213	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R214	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R215	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
RB101	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB102	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB103	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB104	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB105	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB106	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB107	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB108	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB109	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB110	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB111	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RB112	1-239-436-11	s	RES, NETWORK, CHIP 33Kx4 (3216)
RV101	1-225-566-11	s	RES, VAR, CARBON 50K
RV102	1-225-566-11	s	RES, VAR, CARBON 50K
RV103	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
S101	1-572-725-11	s	SWITCH, PUSH
S102	1-572-725-11	s	SWITCH, PUSH
S103	1-572-725-11	s	SWITCH, PUSH
S104	1-572-725-11	s	SWITCH, PUSH
S105	1-572-725-11	s	SWITCH, PUSH
S106	1-572-725-11	s	SWITCH, PUSH
S107	1-572-725-11	s	SWITCH, PUSH
S108	1-572-725-11	s	SWITCH, PUSH
S109	1-572-725-11	s	SWITCH, PUSH
S110	1-572-725-11	s	SWITCH, PUSH
S111	1-572-719-11	s	SWITCH, PUSH (1 KEY)
S112	1-570-860-11	s	SWITCH, SLIDE
X100	1-760-465-11	s	CRYSTAL 16 MHz

DP-277 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8316-707-B	o	MOUNTED CIRCUIT BOARD, DP-277
1pc	3-622-401-01	o	PLATE(2), DIFFUSION
1pc	3-622-402-02	o	HOLDER, DIFFUSION PLATE
C1	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V (1608)
C2	1-162-963-11	s	CERAMIC, CHIP 680pF 10% 50V (1608)
D1	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D2	8-719-075-45	s	LED LYA676-QR-E7537, YEL
D3	8-719-075-45	s	LED LYA676-QR-E7537, YEL
IC1	8-759-249-93	s	IC LC75821W
LCD1	1-801-194-11	s	DISPLAY UNIT, LIQUID CRYSTAL
R1	1-218-733-11	s	METAL, CHIP 51K 0.5% 1/16W (1608)
R2	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R3	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
RB1	1-239-444-11	s	RES, NETWORK, CHIP 220Kx4 (3216)

DP-300 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-774-A	o	MOUNTED CIRCUIT BOARD, DP-300
C111	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C112	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C113	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C151	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C152	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C153	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C156	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C157	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C160	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C161	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C162	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C163	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C164	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C165	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C166	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C167	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C168	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C169	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C170	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C171	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C201	1-107-685-11	s	TANTALUM, CHIP 15uF 20% 6.3V (3216)
C202	1-107-685-11	s	TANTALUM, CHIP 15uF 20% 6.3V (3216)
C203	1-107-685-11	s	TANTALUM, CHIP 15uF 20% 6.3V (3216)
C204	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C206	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C207	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C209	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C210	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C211	1-162-959-11	s	CERAMIC, CHIP 330pF 5% 50V (1608)
C214	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C215	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C217	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C218	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C220	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C221	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C222	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C223	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C224	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C225	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C249	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C250	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C251	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C252	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C253	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C254	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C261	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C262	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C263	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C264	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C265	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C266	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C267	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C268	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C269	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C270	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C271	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C272	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C274	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C276	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C277	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C278	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C279	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C350	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C351	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C352	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C353	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C354	1-135-181-21	s	TANTALUM, CHIP 4.7uF 10% 6.3V(3216)
C355	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C356	1-126-397-11	s	ELECT, CHIP 33uF 20% 25V
C357	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C358	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C359	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C360	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C361	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C362	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C363	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C375	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C376	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN5	1-760-388-11	o	CONNECTOR, 9P, MALE
CN6	1-569-775-21	o	CONNECTOR, 5P, MALE
CN7	1-784-603-11	o	CONNECTOR, B-B 31P, FEMALE
CN9	1-695-223-21	o	CONNECTOR, 10P, MALE
CN10	1-764-643-21	o	CONNECTOR, 11P, MALE
CN11	1-580-789-21	o	CONNECTOR, 6P, MALE
D111	8-719-054-22	s	LED SML-020MLTT87, GRN/RED
D301	8-719-048-17	s	DIODE MBRS130LT3
FB200	1-239-955-11	s	FERRITE ARRAY, CHIP
FB201	1-239-955-11	s	FERRITE ARRAY, CHIP
FB202	1-239-955-11	s	FERRITE ARRAY, CHIP
FB203	1-239-955-11	s	FERRITE ARRAY, CHIP
FB204	1-239-955-11	s	FERRITE ARRAY, CHIP
FB205	1-239-955-11	s	FERRITE ARRAY, CHIP
FB300	1-414-226-21	s	FERRITE, CHIP (1608)
FB301	1-414-226-21	s	FERRITE, CHIP (1608)
FB302	1-414-226-21	s	FERRITE, CHIP (1608)
FL201	1-233-707-11	s	FILTER, LOW-PASS
FL203	1-233-707-11	s	FILTER, LOW-PASS
FL204	1-233-707-11	s	FILTER, LOW-PASS
FL301	1-117-193-11	s	CERAMIC, CHIP 1.5uF 50V 6A (5057)
IC118	8-759-251-40	s	IC MB88E346PFV-G-BND-ER
IC122	8-729-045-28	s	TRANSISTOR SI4532DY
IC205	8-752-356-45	s	IC CXD2301Q
IC211	8-752-356-45	s	IC CXD2301Q
IC213	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC214	8-752-356-45	s	IC CXD2301Q
IC215	8-759-054-61	s	IC CLC505AJE
IC216	8-759-054-61	s	IC CLC505AJE
IC217	8-759-054-61	s	IC CLC505AJE
IC218	8-759-242-64	s	IC TC4W53F
IC219	8-759-035-90	s	IC SC7S02F
IC220	8-759-491-46	s	IC TC74VHCT04AFT
IC221	8-759-173-16	s	IC TL062CPW
IC223	8-759-173-16	s	IC TL062CPW
IC224	8-759-173-16	s	IC TL062CPW

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Ref. No. or Q'ty	Part No.	SP	Description
IC301	8-759-521-35	s	IC TL5001CD
IC302	8-759-701-36	s	IC NJM3403AM
IC303	8-729-040-75	s	TRANSISTOR SI4953DY
L105	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L106	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L107	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L108	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L109	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L110	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L210	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L301	1-409-579-11	s	COIL, CHOKE 8.2uH
L302	1-409-722-11	s	COIL, CHOKE 220uH
L399	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
Q110	8-729-028-91	s	TRANSISTOR DTA144EUA
Q111	8-729-028-91	s	TRANSISTOR DTA144EUA
Q113	8-729-028-91	s	TRANSISTOR DTA144EUA
Q114	8-729-029-14	s	TRANSISTOR DTC144EUA
Q203	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q207	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q209	8-729-141-53	s	TRANSISTOR 2SK94-X2X3X4
Q210	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q211	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q212	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q213	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q218	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q221	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q222	8-729-141-53	s	TRANSISTOR 2SK94-X2X3X4
Q227	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q231	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q233	8-729-141-53	s	TRANSISTOR 2SK94-X2X3X4
Q236	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q243	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q301	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q302	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q303	8-729-117-32	s	TRANSISTOR 2SC4177-L6
R100	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R101	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R102	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R104	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R111	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R112	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R113	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R114	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R116	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R118	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R119	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R120	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R202	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R203	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R204	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R205	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R206	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R207	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R208	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R209	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R210	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R212	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R218	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R220	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R221	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R222	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R223	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R224	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R225	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R226	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R227	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R228	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R229	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R230	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R231	1-216-864-11	s	METAL, CHIP 0 (1608)
R232	1-216-864-11	s	METAL, CHIP 0 (1608)
R233	1-216-864-11	s	METAL, CHIP 0 (1608)
R234	1-216-864-11	s	METAL, CHIP 0 (1608)
R235	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R236	1-216-864-11	s	METAL, CHIP 0 (1608)
R237	1-216-864-11	s	METAL, CHIP 0 (1608)
R238	1-216-847-11	s	METAL, CHIP 150K 5% 1/16W (1608)
R239	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R240	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R241	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R242	1-216-851-11	s	METAL, CHIP 330K 5% 1/16W (1608)
R243	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R244	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R245	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R246	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R247	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R249	1-218-719-11	s	METAL, CHIP 13K 0.5% 1/16W (1608)
R250	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R251	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R252	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R253	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R254	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R255	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R256	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R257	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R299	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R300	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R301	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R302	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R303	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R304	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R305	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R306	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R307	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R308	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R309	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R310	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R311	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R312	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R313	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R320	1-217-671-11	s	METAL, CHIP 1.0 5% 1/10W (2012)
R321	1-217-671-11	s	METAL, CHIP 1.0 5% 1/10W (2012)
R322	1-217-671-11	s	METAL, CHIP 1.0 5% 1/10W (2012)
R326	1-216-864-11	s	METAL, CHIP 0 (1608)
R327	1-216-864-11	s	METAL, CHIP 0 (1608)
R328	1-216-864-11	s	METAL, CHIP 0 (1608)
R351	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R352	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R353	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R354	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R356	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R358	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R360	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W (1608)
R361	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R362	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R363	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R364	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R365	1-216-849-11	s	METAL, CHIP 220K 5% 1/16W (1608)
R366	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R367	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R368	1-217-671-11	s	METAL, CHIP 1.0 5% 1/10W (2012)
R370	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R376	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R377	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R378	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R379	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R380	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R381	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R382	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R383	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R385	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R386	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R387	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R388	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R389	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R800	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R802	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R803	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R804	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R805	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R806	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R807	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R808	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R990	1-216-864-11	s	METAL, CHIP 0 (1608)

DU-44 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C951	1-109-982-11	s	CERAMIC, CHIP 1.0uF 10% 10V (2012)
C952	1-104-553-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
L951	1-412-138-11	s	INDUCTOR, CHIP 100uH (3225)
Q951	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q952	8-729-028-91	s	TRANSISTOR DTA144EUA
R951	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R952	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

DU-47 (1) BOARD

Ref. No. or Q'ty	Part No.	SP	Description
RV110	1-241-265-11	s	RES, ADJ, CERMET, CHIP 20K

DU-47 (2) BOARD

Ref. No. or Q'ty	Part No.	SP	Description
RV111	1-241-263-11	s	RES, ADJ, CHIP CERMET 5K

DU-47 (3) BOARD

Ref. No. or Q'ty	Part No.	SP	Description
RV113	1-241-263-11	s	RES, ADJ, CHIP CERMET 5K

DU-57 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
IC1	8-759-529-76	s	IC TC74VHC595FT
IC2	8-759-529-76	s	IC TC74VHC595FT
IC3	8-759-271-86	s	IC TC7SH04FU
RB1	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)

DU-65 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C902	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C903	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C904	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C906	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
D901	8-719-159-85	s	DIODE RD2.0M-B
IC901	8-759-337-40	s	IC NJM2904V
IC902	8-759-710-88	s	IC NJM431U
Q901	8-729-106-60	s	TRANSISTOR 2SB1115A
Q903	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R901	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R903	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R906	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R907	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R908	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R910	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R911	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R912	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R913	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R914	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R915	1-216-864-11	s	METAL, CHIP 0 (1608)

DUS-194 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
D621	8-719-820-41	s	DIODE 1SS302

DUS-744 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
IC415	8-759-196-96	s	IC TC7SH08FU

FL-251 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8316-724-A	o	MOUNTED CIRCUIT BOARD, FL-251
1pc	3-612-507-01	o	SHEET, FL
C1	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C2	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C3	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C4	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C5	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
CN1	1-766-377-12	s	CONNECTOR, BATTERY, MALE
F1	⚠ 1-576-122-21	s	LINK, IC, CHIP 0.4A
FL1	1-414-581-21	s	FERRITE, CHIP (4516)
FL2	1-414-581-21	s	FERRITE, CHIP (4516)
FL3	1-239-896-12	s	FILTER, EMI, CHIP (2012)

HP-88 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8316-726-B	o	MOUNTED CIRCUIT BOARD, HP-88
1pc	X-3167-825-1	o	KNOB ASSY (P), VOL
C1	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V (2012)
C2	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V (2012)
C3	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C4	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C5	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C6	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V (2012)
C7	1-104-609-11	s	ELECT, CHIP 100uF 20% 4V
C8	1-104-609-11	s	ELECT, CHIP 100uF 20% 4V
C9	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C10	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C11	1-135-166-21	s	TANTALUM, CHIP 47uF 10% 10V (5846)
C12	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C13	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C14	1-126-412-11	s	ELECT 220uF 20% 4V
C15	1-126-412-11	s	ELECT 220uF 20% 4V
CN1	1-695-320-21	s	CONNECTOR, 2P, MALE
CN8	1-766-383-11	o	CONNECTOR, 12P, MALE
FB1	1-414-230-11	s	FERRITE, CHIP (2012)
FB2	1-414-230-11	s	FERRITE, CHIP (2012)
FB3	1-414-230-11	s	FERRITE, CHIP (2012)
FB4	1-414-230-11	s	FERRITE, CHIP (2012)
IC1	8-759-711-85	s	IC NJM4580E-D
IC2	8-759-369-73	s	IC NJM4556AM
IC3	8-759-700-50	s	IC NJM386M
J1	1-764-618-11	o	JACK (LARGE TYPE)
L1	1-408-785-21	s	INDUCTOR, CHIP 47uH (4532)
Q1	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q2	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q3	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q4	8-729-209-07	s	TRANSISTOR 2SC4213-B
R1	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R2	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R3	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
R4	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
R5	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
R6	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
R7	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R8	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R9	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R10	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R11	1-216-617-11	s	METAL, CHIP 39 0.5% 1/10W (2012)
R12	1-216-617-11	s	METAL, CHIP 39 0.5% 1/10W (2012)
R13	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R14	1-216-607-11	s	METAL, CHIP 15 0.5% 1/10W (2012)
R15	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R16	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R17	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
R18	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
R19	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R20	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
R21	1-216-661-11	s	METAL, CHIP 2.7K 0.5% 1/10W (2012)
RV1	1-241-577-11	s	RES, VAR, CARBON 20K/20K

KY-446 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-772-A	o	MOUNTED CIRCUIT BOARD, KY-446
1pc	3-553-567-00	s	CUSHION
2pcs	3-613-873-01	o	PLATE, VIDEO VR GROUND
4pcs	3-613-874-01	s	WASHER (7-11)
8pcs	3-613-946-01	o	SPASER SW
C1	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C2	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C3	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C4	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C5	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C6	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C10	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C11	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C41	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C42	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C51	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C61	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C62	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C100	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C101	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C102	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C104	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C105	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C106	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C109	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C111	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C112	1-135-072-21	s	TANTALUM, CHIP 0.22uF 10% 35V(3216)
C113	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C115	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C116	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C119	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C120	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C121	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C122	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C123	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C124	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V (2012)
C125	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V (2012)
C126	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C127	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C128	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C129	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C130	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C131	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C132	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C133	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C134	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C135	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C136	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C137	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C138	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C201	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)

(KY-446 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN1	1-784-086-11	o	CONNECTOR, PC BOARD 15P, MALE
CN2	1-766-376-11	o	CONNECTOR, 9P, MALE
CN5	1-695-320-21	s	CONNECTOR, 2P, MALE
CN100	1-566-763-11	o	CONNECTOR, ZR 8P, MALE
D100	8-719-941-86	s	DIODE DAN202U
D101	8-719-938-72	s	DIODE SB01-05CP
D102	8-719-938-72	s	DIODE SB01-05CP
D103	8-719-938-72	s	DIODE SB01-05CP
D104	8-719-938-72	s	DIODE SB01-05CP
D105	8-719-938-72	s	DIODE SB01-05CP
D106	8-719-938-72	s	DIODE SB01-05CP
D107	8-719-938-72	s	DIODE SB01-05CP
D108	8-719-938-72	s	DIODE SB01-05CP
D109	8-719-938-72	s	DIODE SB01-05CP
D110	8-719-989-53	s	LED CL-200HR-C, RED
D111	8-719-989-53	s	LED CL-200HR-C, RED
D114	8-719-061-59	s	LED CL-200PG-C-TU, PURE-GRN
D115	8-719-989-53	s	LED CL-200HR-C, RED
D116	8-719-061-59	s	LED CL-200PG-C-TU, PURE-GRN
D117	8-719-989-53	s	LED CL-200HR-C, RED
D118	8-719-989-53	s	LED CL-200HR-C, RED
D119	8-719-989-53	s	LED CL-200HR-C, RED
D120	8-719-989-53	s	LED CL-200HR-C, RED
D121	8-719-989-53	s	LED CL-200HR-C, RED
D122	8-719-989-53	s	LED CL-200HR-C, RED
D123	8-719-989-53	s	LED CL-200HR-C, RED
D124	8-719-989-53	s	LED CL-200HR-C, RED
D125	8-719-061-59	s	LED CL-200PG-C-TU, PURE-GRN
D126	8-719-989-53	s	LED CL-200HR-C, RED
IC1	8-759-082-61	s	IC TC4W53FU
IC41	8-759-701-36	s	IC NJM3403AM
IC61	8-759-710-88	s	IC NJM431U
IC100	8-759-701-36	s	IC NJM3403AM
IC101	8-759-524-50	s	IC TC74VHC541FT(EL)
IC102	8-759-196-96	s	IC TC7SH08FU
IC103	8-759-259-18	s	IC MB3793-42PNF-ER
IC104	8-759-184-64	s	IC TC4W66FU
IC105	8-759-480-10	s	IC HD64F3048F16
IC106	8-759-524-08	s	IC TC74VHC139FT
IC107	8-759-497-28	s	IC LC35256DM-10-TLM
IC108	8-759-165-37	s	IC X24164SIC7000, EEP-ROM
IC109	8-759-348-79	s	IC TE7751
IC110	8-759-524-06	s	IC TC74VHC132FT(EL)
IC111	8-752-389-56	s	IC CXD303-119R
IC112	8-759-196-96	s	IC TC7SH08FU
IC113	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC114	8-759-523-02	s	IC TC74HC4053AFT(EL)
L100	1-424-673-11	s	COIL, CHOKE 4.7uH
L101	1-424-673-11	s	COIL, CHOKE 4.7uH
L102	1-424-673-11	s	COIL, CHOKE 4.7uH
Q61	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q100	8-729-028-73	s	TRANSISTOR DTA114EUA
Q101	8-729-028-73	s	TRANSISTOR DTA114EUA
Q102	8-729-028-73	s	TRANSISTOR DTA114EUA
Q103	8-729-028-73	s	TRANSISTOR DTA114EUA
Q104	8-729-028-73	s	TRANSISTOR DTA114EUA
Q105	8-729-028-73	s	TRANSISTOR DTA114EUA
Q106	8-729-028-73	s	TRANSISTOR DTA114EUA

(KY-446 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q107	8-729-028-73	s	TRANSISTOR DTA114EUA
Q108	8-729-028-73	s	TRANSISTOR DTA114EUA
Q109	8-729-028-73	s	TRANSISTOR DTA114EUA
Q110	8-729-028-73	s	TRANSISTOR DTA114EUA
Q111	8-729-028-73	s	TRANSISTOR DTA114EUA
Q112	8-729-028-73	s	TRANSISTOR DTA114EUA
Q113	8-729-028-73	s	TRANSISTOR DTA114EUA
Q114	8-729-028-73	s	TRANSISTOR DTA114EUA
Q115	8-729-028-73	s	TRANSISTOR DTA114EUA
Q116	8-729-028-73	s	TRANSISTOR DTA114EUA
Q117	8-729-028-73	s	TRANSISTOR DTA114EUA
Q118	8-729-028-73	s	TRANSISTOR DTA114EUA
Q119	8-729-028-73	s	TRANSISTOR DTA114EUA
Q120	8-729-028-73	s	TRANSISTOR DTA114EUA
Q121	8-729-028-73	s	TRANSISTOR DTA114EUA
Q122	8-729-028-73	s	TRANSISTOR DTA114EUA
Q123	8-729-028-73	s	TRANSISTOR DTA114EUA
Q124	8-729-028-73	s	TRANSISTOR DTA114EUA
Q125	8-729-028-73	s	TRANSISTOR DTA114EUA
Q126	8-729-028-73	s	TRANSISTOR DTA114EUA
Q127	8-729-028-73	s	TRANSISTOR DTA114EUA
Q128	8-729-028-73	s	TRANSISTOR DTA114EUA
Q129	8-729-028-73	s	TRANSISTOR DTA114EUA
Q130	8-729-028-73	s	TRANSISTOR DTA114EUA
Q131	8-729-028-73	s	TRANSISTOR DTA114EUA
Q132	8-729-028-73	s	TRANSISTOR DTA114EUA
Q133	8-729-028-73	s	TRANSISTOR DTA114EUA
R1	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R2	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R3	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R4	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R5	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R6	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W (2012)
R7	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R12	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R13	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R14	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R15	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R16	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R17	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R18	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R41	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R42	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R51	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R52	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R61	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R62	1-216-682-11	s	METAL, CHIP 20K 0.5% 1/10W (2012)
R63	1-216-684-11	s	METAL, CHIP 24K 0.5% 1/10W (2012)
R100	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W (2012)
R101	1-216-295-00	s	METAL, CHIP 0 (2012)
R102	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R103	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R104	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R105	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R106	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R107	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R108	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R109	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R110	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R111	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R112	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R113	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R114	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R115	1-216-295-00	s	METAL, CHIP 0 (2012)
R116	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W (2012)
R117	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R119	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R121	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W (2012)
R122	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R123	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R124	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R125	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R126	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W (2012)
R127	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W (2012)
R128	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R129	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R130	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R131	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R132	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R133	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R134	1-216-295-00	s	METAL, CHIP 0 (2012)
R135	1-216-295-00	s	METAL, CHIP 0 (2012)
R136	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R137	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R138	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R139	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R140	1-216-295-00	s	METAL, CHIP 0 (2012)
R141	1-216-295-00	s	METAL, CHIP 0 (2012)
R142	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R143	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R144	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R145	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R146	1-216-295-00	s	METAL, CHIP 0 (2012)
R147	1-216-295-00	s	METAL, CHIP 0 (2012)
R148	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W (2012)
R149	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R150	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R151	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R152	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R153	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R154	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R155	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R156	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R157	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R158	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R159	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R160	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R161	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R162	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R163	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R164	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R165	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R166	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R167	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R168	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R169	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R170	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R171	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R172	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R173	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R174	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R175	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R176	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R177	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R178	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R179	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R180	1-216-295-00	s	METAL, CHIP 0 (2012)
R181	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R182	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R183	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R184	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R185	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R186	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R187	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R188	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R189	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R190	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R191	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R192	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R193	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R194	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R195	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R196	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R197	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R198	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R199	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R200	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R201	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R202	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R203	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R204	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R205	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R206	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R207	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R208	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R209	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R210	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R211	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R212	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R213	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R214	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R215	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R216	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R217	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R218	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R219	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R220	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R221	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R222	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R223	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R224	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R225	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R226	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R227	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R228	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R229	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R230	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R231	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R232	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R233	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R234	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R235	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R236	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R237	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R238	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R239	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R240	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R241	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R242	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R243	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R244	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R245	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R246	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R247	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R248	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R249	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R252	1-216-637-11	s	METAL, CHIP 270 0.5% 1/10W (2012)
R253	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R254	1-216-637-11	s	METAL, CHIP 270 0.5% 1/10W (2012)
R255	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R256	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R257	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R258	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R259	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R260	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R261	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R262	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R263	1-216-637-11	s	METAL, CHIP 270 0.5% 1/10W (2012)
R264	1-216-645-11	s	METAL, CHIP 560 0.5% 1/10W (2012)
R267	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R268	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R269	1-216-295-00	s	METAL, CHIP 0 (2012)
R270	1-216-295-00	s	METAL, CHIP 0 (2012)
R271	1-216-295-00	s	METAL, CHIP 0 (2012)
R272	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R273	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R274	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R275	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R276	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R277	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R278	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R279	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R280	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R281	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R282	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R283	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R284	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R285	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R286	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R287	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R288	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R289	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R290	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R291	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R292	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R302	1-216-295-00	s	METAL, CHIP 0 (2012)
R303	1-216-295-00	s	METAL, CHIP 0 (2012)
R304	1-216-295-00	s	METAL, CHIP 0 (2012)
R305	1-216-295-00	s	METAL, CHIP 0 (2012)
RB101	1-234-005-11	s	RES, NETWORK, CHIP 33Kx4 (5020)
RB102	1-234-005-11	s	RES, NETWORK, CHIP 33Kx4 (5020)
RB103	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB104	1-239-292-11	s	RES, NETWORK, CHIP 33Kx8 (6432)
RB105	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB106	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB107	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB108	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB109	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB110	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB111	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB112	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB113	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RV1	1-225-566-11	s	RES, VAR, CARBON 50K
RV2	1-225-564-11	s	RES, VAR, SLIDE 100K
RV3	1-225-564-11	s	RES, VAR, SLIDE 100K
RV4	1-225-566-11	s	RES, VAR, CARBON 50K
RV5	1-225-566-11	s	RES, VAR, CARBON 50K
RV6	1-225-566-11	s	RES, VAR, CARBON 50K
RV7	1-225-600-21	s	RES, VAR, CARBON 20K
RV8	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV41	1-225-564-11	s	RES, VAR, SLIDE 100K
RV51	1-225-564-11	s	RES, VAR, SLIDE 100K
RV100	1-225-565-11	s	RES, VAR, CARBON 5K (WITH SW)
RV101	1-225-565-11	s	RES, VAR, CARBON 5K (WITH SW)
RV102	1-225-565-11	s	RES, VAR, CARBON 5K (WITH SW)
RV103	1-225-565-11	s	RES, VAR, CARBON 5K (WITH SW)
S100	1-771-258-21	s	SWITCH, PUSH (WITH LED)
S101	1-771-259-21	s	SWITCH, PUSH (WITH LED)
S102	1-771-259-31	s	SWITCH, PUSH (WITH LED)
S103	1-771-259-21	s	SWITCH, PUSH (WITH LED)
S104	1-771-258-11	s	SWITCH, PUSH (WITH LED)
S105	1-771-259-11	s	SWITCH, PUSH (WITH LED)
S106	1-771-259-11	s	SWITCH, PUSH (WITH LED)
S107	1-771-260-11	s	SWITCH, PUSH (WITH LED)
S108	1-771-259-11	s	SWITCH, PUSH (WITH LED)
S109	1-771-260-21	s	SWITCH, PUSH (WITH LED)
S110	1-771-259-11	s	SWITCH, PUSH (WITH LED)
S111	1-771-257-11	s	SWITCH, PUSH (WITH LED)
S112	1-771-257-11	s	SWITCH, PUSH (WITH LED)
S113	1-771-259-11	s	SWITCH, PUSH (WITH LED)
S114	1-771-257-11	s	SWITCH, PUSH (WITH LED)
S115	1-771-257-11	s	SWITCH, PUSH (WITH LED)
S116	1-771-257-11	s	SWITCH, PUSH (WITH LED)
S117	1-571-427-11	s	SWITCH, SLIDE
S118	1-572-725-11	s	SWITCH, PUSH
S119	1-572-725-11	s	SWITCH, PUSH
S122	1-572-725-11	s	SWITCH, PUSH
S123	1-572-725-11	s	SWITCH, PUSH
S124	1-572-725-11	s	SWITCH, PUSH
S125	1-572-725-11	s	SWITCH, PUSH
S126	1-571-427-11	s	SWITCH, SLIDE
S127	1-571-427-11	s	SWITCH, SLIDE
S128	1-571-427-11	s	SWITCH, SLIDE

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Ref. No. or Q'ty	Part No.	SP	Description
S129	1-571-427-11	s	SWITCH, SLIDE
S130	1-572-725-11	s	SWITCH, PUSH
S131	1-572-725-11	s	SWITCH, PUSH
S132	1-572-725-11	s	SWITCH, PUSH
S133	1-572-725-11	s	SWITCH, PUSH
S134	1-572-725-11	s	SWITCH, PUSH
S135	1-571-427-11	s	SWITCH, SLIDE
S136	1-571-427-11	s	SWITCH, SLIDE
S137	1-571-427-11	s	SWITCH, SLIDE
S138	1-571-427-11	s	SWITCH, SLIDE
S139	1-571-427-11	s	SWITCH, SLIDE
X100	1-760-465-11	s	CRYSTAL 16 MHz

MB-838 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-783-A	o	MOUNTED CIRCUIT BOARD, MB-838
48pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
2pcs	4-617-314-01	o	CLAMP, WIRE
CN1	1-695-320-21	s	CONNECTOR, 2P, MALE
CN2	1-695-320-21	s	CONNECTOR, 2P, MALE
CN4	1-695-320-21	s	CONNECTOR, 2P, MALE
CN8	1-766-383-11	o	CONNECTOR, 12P, MALE
CN22	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN32	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN42	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN52	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN62	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN72	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN82	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN92	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN101	1-784-088-11	o	CONNECTOR, B-B 140P, FEMALE
CN201	1-779-862-21	s	CONNECTOR, 40P, MALE
CN301	1-764-875-21	s	CONNECTOR, FPC 25P
CN302	1-764-875-21	s	CONNECTOR, FPC 25P
CN303	1-764-875-21	s	CONNECTOR, FPC 25P
CN401	1-691-845-11	o	CONNECTOR, B-B 50P, FEMALE
CN600	1-573-290-21	s	CONNECTOR, 4P, MALE
CN601	1-766-383-11	o	CONNECTOR, 12P, MALE
CN602	1-573-806-21	s	CONNECTOR, 6P, MALE
CN700	1-766-382-11	o	CONNECTOR, 10P, MALE
CN701	1-766-382-11	o	CONNECTOR, 10P, MALE
CN702	1-691-550-11	s	CONNECTOR, 3P, MALE
CN704	1-573-768-21	o	CONNECTOR, 5P, MALE
CN901	1-764-007-11	o	CONNECTOR, 12P, MALE

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MD-122 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -11			
*2:Board No. suffix -12			
1pc	A-8321-762-A	o	MOUNTED CIRCUIT BOARD, MD-122
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C101	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C102	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C103	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C104	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C105	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C106	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C108	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C109	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C110	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C111	1-113-642-11	s	TANTALUM, CHIP 47uF 20% 10V (6032)
C112	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C113	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C114	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C115	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C118	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C119	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C120	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C121	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C122	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C124	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C125	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C126	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C127	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C128	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C129	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C130	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C131	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C132	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C133	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C135	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C136	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C138	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C139	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C141	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C142	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C143	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C144	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C145	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C146	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C147	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C148	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C149	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C150	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C151	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C152	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C153	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C154	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C155	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C157	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C158	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C159	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C160	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C161	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C162	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C163	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C164	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C165	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C169	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C170	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C173	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C174	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C175	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C176	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C177	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C178	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C179	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C180	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C181	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C182	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C184	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C185	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C186	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C187	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C188	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C189	1-113-642-11	s	TANTALUM, CHIP 47uF 20% 10V (6032)
C190	1-113-642-11	s	TANTALUM, CHIP 47uF 20% 10V (6032)
C210	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C211	1-135-259-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C212	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C213	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C214	1-135-259-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C215	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C301	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C302	1-104-923-11	s	MICA, CHIP 180pF 0.25% 50V (5846)
C303	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C304	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C305	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C306	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C307	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C308	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C309	1-162-911-11	s	CERAMIC, CHIP 6pF 50V (1608)
C310	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C311	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C312	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C313	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C314	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C315	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C316	1-162-926-11	s	CERAMIC, CHIP 82pF 5% 50V (1608)
C317	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C318	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C319	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C320	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C321	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C322	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C323	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C324	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C326	1-126-412-11	s	ELECT 220uF 20% 4V
C328	1-126-412-11	s	ELECT 220uF 20% 4V
C329	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C330	1-162-917-11	s	CERAMIC, CHIP 15pF 5% 50V (1608)
C332	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C333	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C334	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C335	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C336	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C337	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C338	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C339	1-162-909-11	s	CERAMIC, CHIP 4pF 50V (1608)
C340	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C341	1-162-975-11	s	CERAMIC, CHIP 24pF 5% 50V (1608)
C342	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C343	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C344	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C345	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C346	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C347	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C348	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C349	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C350	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C351	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C352	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C353	1-162-920-11	s	CERAMIC, CHIP 27pF 5% 50V (1608)
C354	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C355	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C356	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C357	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C358	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C359	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C501	1-111-253-11	s	TANTALUM, CHIP 100uF 20% 6.3V(6032)
C502	1-104-923-11	s	MICA, CHIP 180pF 0.25% 50V (5846)
C503	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C504	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C505	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C506	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C507	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C508	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C509	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C510	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C511	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C512	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C513	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C514	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C515	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C516	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C517	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C518	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C519	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C522	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C523	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C524	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C525	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C526	1-126-412-11	s	ELECT 220uF 20% 4V
C528	1-126-412-11	s	ELECT 220uF 20% 4V
C529	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C530	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C531	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C532	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C533	1-162-917-11	s	CERAMIC, CHIP 15pF 5% 50V (1608)
C536	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C537	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)

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Ref. No. or Q'ty	Part No.	SP	Description
C538	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C539	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C540	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C541	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C542	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C543	1-162-975-11	s	CERAMIC, CHIP 24pF 5% 50V (1608)
C544	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C545	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C546	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C547	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C548	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C701	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C702	1-113-642-11	s	TANTALUM, CHIP 47uF 20% 10V (6032)
C703	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C705	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C706	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C707	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C708	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C709	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C712	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C714	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C715	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C716	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C717	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C718	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C719	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C723	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C724	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C725	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C730	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C731	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C850	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C852	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C853	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C854	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C855	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C856	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C857	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C858	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C859	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C860	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C902 *2	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C904 *2	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C906 *2	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
CN1	1-569-775-21	o	CONNECTOR, 5P, MALE
CN52	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
D851	8-719-159-85	s	DIODE RD2.0M-B
D901 *2	8-719-159-85	s	DIODE RD2.0M-B
FL100	1-236-019-21	s	FILTER, LOW-PASS (CHIP)
FL101	1-234-323-11	s	FILTER, LOW-PASS
FL102	1-234-321-11	s	FILTER, LOW-PASS
FL104	1-236-019-21	s	FILTER, LOW-PASS (CHIP)
FL105	1-236-021-21	s	FILTER, LOW-PASS (CHIP)
FL106	1-234-319-21	s	FILTER, LOW-PASS
IC101	8-752-357-62	s	IC CXD2307R
IC102	8-759-054-61	s	IC CLC505AJE
IC103	8-759-524-50	s	IC TC74VHC541FT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC104	8-752-381-65	o	IC CXD606-101R
IC105	8-759-485-43	s	IC EPF10K20TC144-3
IC106	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC107	8-752-329-28	s	IC CXD1151Q
IC108	8-759-524-50	s	IC TC74VHC541FT(EL)
IC109	8-759-054-61	s	IC CLC505AJE
IC110	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC111 *2	8-759-549-01	s	IC SN74LV125APW
*1	8-759-049-66	s	IC SN74HC125APW
IC112	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC114	8-759-638-37	o	IC EPC1PC8-MD122-IC114-V1.0, EP-ROM
IC115	8-759-907-81	s	IC SN74LS221NS
IC117	8-759-907-81	s	IC SN74LS221NS
IC118	8-759-549-20	s	IC SN74LV541APW
IC302	8-752-052-73	s	IC CXA1451M
IC303	8-759-054-61	s	IC CLC505AJE
IC305	8-752-052-76	s	IC CXA1480Q
IC310	1-809-331-21	s	HIC H8D7144F
IC502	8-752-052-73	s	IC CXA1451M
IC503	8-752-052-73	s	IC CXA1451M
IC510	1-809-331-21	s	HIC H8D7144F
IC703	8-759-524-28	s	IC TC74VHC245FT(EL)
IC704	8-752-381-56	s	IC CXD1095AR
IC705	8-759-524-28	s	IC TC74VHC245FT(EL)
IC708	8-759-251-40	s	IC MB88E346PFV-G-BND-ER
IC710	8-759-196-96	s	IC TC7SH08FU
IC851	8-729-036-15	s	TRANSISTOR SI6542DQ
IC852	8-759-337-40	s	IC NJM2904V
IC853	8-759-710-88	s	IC NJM431U
IS114	1-526-652-21	o	SOCKET, IC 8P
L101	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L102	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L104	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L105	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L107	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L108	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L109	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L110	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L301	1-412-179-11	s	INDUCTOR, CHIP 3.3uH (3225)
L302	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L303	1-412-187-11	s	INDUCTOR, CHIP 18uH (3225)
L304	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L305	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L306	1-412-137-11	s	INDUCTOR, CHIP 10uH (3225)
L307	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L308	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L309	1-412-191-11	s	INDUCTOR, CHIP 47uH (3225)
L310	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L501	1-412-179-11	s	INDUCTOR, CHIP 3.3uH (3225)
L502	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L503	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L504	1-412-137-11	s	INDUCTOR, CHIP 10uH (3225)
L505	1-412-198-11	s	INDUCTOR, CHIP 220uH (3225)
L506	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L507	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L508	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L509	1-412-191-11	s	INDUCTOR, CHIP 47uH (3225)
L701	1-409-579-11	s	COIL, CHOKE 8.2uH

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Ref. No. or Q'ty	Part No.	SP	Description
L702	1-409-579-11	s	COIL, CHOKE 8.2uH
L703	1-409-579-11	s	COIL, CHOKE 8.2uH
L704	1-409-579-11	s	COIL, CHOKE 8.2uH
L706	1-409-579-11	s	COIL, CHOKE 8.2uH
L707	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
Q101	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q102	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q103	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q104	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q105	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q106	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q107	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q108	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q109	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q111	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q112	8-729-028-91	s	TRANSISTOR DTA144EUA
Q113	8-729-029-14	s	TRANSISTOR DTC144EUA
Q114	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q115	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q116	8-729-028-91	s	TRANSISTOR DTA144EUA
Q120	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q121	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q210	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q211	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q212	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q213	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q214	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q215	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q301	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q302	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q303	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q304	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q305	8-729-029-14	s	TRANSISTOR DTC144EUA
Q306	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q307	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q308	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q309	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q310	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q311	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q312	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q313	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q314	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q315	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q316	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q317	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q351	8-729-029-14	s	TRANSISTOR DTC144EUA
Q501	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q502	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q503	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q504	8-729-029-14	s	TRANSISTOR DTC144EUA
Q505	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q506	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q507	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q508	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q509	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q511	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q512	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q513	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q514	8-729-209-07	s	TRANSISTOR 2SC4213-B

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Ref. No. or Q'ty	Part No.	SP	Description
Q515	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q516	8-729-117-72	s	TRANSISTOR 2SC4178-F13
Q517	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q518	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q850	8-729-029-14	s	TRANSISTOR DTC144EUA
Q854	8-729-029-14	s	TRANSISTOR DTC144EUA
Q856	8-729-106-60	s	TRANSISTOR 2SB1115A
Q857	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q858	8-729-029-14	s	TRANSISTOR DTC144EUA
Q859	8-729-041-23	s	TRANSISTOR NDS356AP
Q860	8-729-028-91	s	TRANSISTOR DTA144EUA
Q861	8-729-029-14	s	TRANSISTOR DTC144EUA
Q862	8-729-041-23	s	TRANSISTOR NDS356AP
Q901 *2	8-729-106-60	s	TRANSISTOR 2SB1115A
Q903 *2	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R102	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R103	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R106	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R107	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R108	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R109	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R111	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R112	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R113	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R115	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R116	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R118	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R119	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R121	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R122	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R123	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R125	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R126	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R127	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R128	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R129	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R130	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R131	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R132	1-216-864-11	s	METAL, CHIP 0 (1608)
R134	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R135	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R136	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R137	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R139	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R140	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R142	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R144	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R145	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R148	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R149	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R150	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R152	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R153	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R154	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R155	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R156	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R157	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R158	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R159	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R160	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R161	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R162	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R163	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R164	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R165	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R166	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R167	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R168	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R169	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R170	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R171	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R172	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R173	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R174	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R175	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R176	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R177	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R178	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R179	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R180	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R181	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R182	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R184	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R185	1-216-864-11	s	METAL, CHIP 0 (1608)
R186	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R187	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R188	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R189	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R190	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R191	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R195	1-216-864-11	s	METAL, CHIP 0 (1608)
R196	1-216-864-11	s	METAL, CHIP 0 (1608)
R197	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R198	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R199	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R200	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R201	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R202	1-216-864-11	s	METAL, CHIP 0 (1608)
R203	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R204	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R205	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R206	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R207	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R208	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R209	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R210	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R211	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R212	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R214	1-216-864-11	s	METAL, CHIP 0 (1608)
R215	1-216-864-11	s	METAL, CHIP 0 (1608)
R217	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R218	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R219	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R220	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R221	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R222	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R223	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R224	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R225	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R226	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R227	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R228	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R229	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R230	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R231	1-218-675-11	s	METAL, CHIP 200 0.5% 1/16W (1608)
R232	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R233	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R234	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R235	1-218-675-11	s	METAL, CHIP 200 0.5% 1/16W (1608)
R236	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R237	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R238	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R239	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R240	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R241	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R242	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R243	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R244	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R245	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R301	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R302	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R303	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R304	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R309	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R310	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R311	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R312	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R313	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R314	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R315	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R316	1-218-733-11	s	METAL, CHIP 51K 0.5% 1/16W (1608)
R317	1-218-184-11	s	METAL, CHIP 997 0.1% 1/16W (1608)
R318	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R319	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R320	1-218-656-11	s	METAL, CHIP 33 0.5% 1/16W (1608)
R323	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R324	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R325	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R326	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R327	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R328	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R333	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R334	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R335	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R336	1-218-922-11	s	METAL, CHIP 3.26K 0.1% 1/10W (2012)
R337	1-216-864-11	s	METAL, CHIP 0 (1608)
R338	1-218-889-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R339	1-216-864-11	s	METAL, CHIP 0 (1608)
R340	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R341	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R342	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R343	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R344	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R345	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R346	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R347	1-218-661-11	s	METAL, CHIP 51 0.5% 1/16W (1608)
R348	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R349	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R350	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R351	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R352	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R353	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R354	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R355	1-218-695-11	s	METAL, CHIP 1.3K 0.5% 1/16W (1608)
R356	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R357	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R358	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R360	1-216-864-11	s	METAL, CHIP 0 (1608)
R361	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R362	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R363	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R364	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R366	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R367	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R368	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R369	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R370	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R372	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R373	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R374	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R376	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R377	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R378	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R379	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R380	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R381	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R382	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R384	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R385	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R386	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R387	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R388	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R389	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R392	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R395	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R396	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R397	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R400	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R402	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R405	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R406	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R407	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R409	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R410	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R411	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R412	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R413	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R501	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R502	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R503	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R504	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R505	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R506	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R511	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R512	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R513	1-218-184-11	s	METAL, CHIP 997 0.1% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R514	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R515	1-218-869-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R516	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R517	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R520	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R521	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R522	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R523	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R524	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R529	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R530	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R531	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R532	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R533	1-218-922-11	s	METAL, CHIP 3.26K 0.1% 1/10W (2012)
R534	1-216-864-11	s	METAL, CHIP 0 (1608)
R536	1-216-864-11	s	METAL, CHIP 0 (1608)
R537	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R538	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R539	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R540	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R541	1-218-661-11	s	METAL, CHIP 51 0.5% 1/16W (1608)
R542	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R543	1-218-687-11	s	METAL, CHIP 620 0.5% 1/16W (1608)
R544	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R545	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R546	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R547	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R548	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R549	1-216-864-11	s	METAL, CHIP 0 (1608)
R551	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R552	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R553	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R554	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R557	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R558	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R559	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W (1608)
R560	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R561	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R562	1-218-685-11	s	METAL, CHIP 510 0.5% 1/16W (1608)
R566	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R567	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R568	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R569	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R571	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R572	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R573	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R574	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R575	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R577	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R578	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R579	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R581	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R582	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R583	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R584	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R586	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R587	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R715	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R716	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R717	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R734	1-216-864-11	s	METAL, CHIP 0 (1608)
R736	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R737	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R801	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R802	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R803	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R804	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R805	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R806	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R807	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R850	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R854	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R856	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R858	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R860	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R861	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R862	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R863	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R864	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R865	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R866	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R867	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R868	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R869	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R870	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R871	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R901	*2 1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R903	*2 1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R906	*2 1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R909	*2 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R910	*2 1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R913	*2 1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R914	*2 1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
RB110	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB111	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB112	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB113	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB114	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB115	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB701	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB702	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB703	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB704	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB705	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB706	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB707	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB708	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB709	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB711	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB713	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB714	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB715	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB716	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB717	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB718	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB719	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB720	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB721	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
RB722	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB723	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB724	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB725	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB726	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB727	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RV103	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV104	1-237-032-11	s	RES, ADJ, CHIP CERMET 500
RV105	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV109	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV111 *2	1-241-263-11	s	RES, ADJ, CHIP CERMET 5K
RV113 *2	1-241-263-11	s	RES, ADJ, CHIP CERMET 5K
RV301	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV302	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV303 *2	1-241-264-11	s	RES, ADJ, CHIP CERMET 10K
*1	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV306	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV309	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV501	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV502	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
RV503 *2	1-241-264-11	s	RES, ADJ, CHIP CERMET 10K
*1	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV506	1-237-034-11	s	RES, ADJ, CHIP CERMET 2K
RV509	1-237-035-11	s	RES, ADJ, CHIP CERMET 5K
S101	1-771-709-41	s	SWITCH, SLIDE
S102	1-771-709-41	s	SWITCH, SLIDE
S301	1-692-881-41	s	SWITCH, SLIDE
TH101	1-809-352-11	s	THERMISTOR, NTC, CHIP (2012)

PSW-63 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-667-488-13	o	PRINTED WIRING BOARD, PSW-63
CN1	1-695-320-21	s	CONNECTOR, 2P, MALE
S1	1-762-001-11	s	SWITCH, TOGGLE

RE-174 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-779-A	o	MOUNTED CIRCUIT BOARD, RE-174
3pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C1	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C2	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C3	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C5	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C6	1-126-399-11	s	ELECT, CHIP 10uF 20% 35V
C7	1-109-982-11	s	CERAMIC, CHIP 1.0uF 10% 10V (2012)
C8	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C9	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C10	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C11	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C12	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C13	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C14	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C15	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C16	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C17	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C18	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C19	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C20	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C21	1-104-478-11	s	TANTALUM, CHIP 10uF 20% 35V (5846)
C22	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C23	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C24	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C25	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C26	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C27	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C28	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C29	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C31	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C32	1-126-946-11	s	ELECT 6800uF 20% 25V
C33	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C34	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C35	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C36	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C37	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V (2012)
C38	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C101	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C102	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C104	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C105	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C106	1-127-518-11	s	ALUMN SOLID 100uF 20% 16V
C107	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C108	1-111-034-11	s	ELECT 220uF 20% 16V
C109	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)
C110	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C201	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C202	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C203	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C204	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C205	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C206	1-127-518-11	s	ALUMN SOLID 100uF 20% 16V
C207	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C208	1-111-034-11	s	ELECT 220uF 20% 16V
C209	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C210	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)

(RE-174 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C211	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C212	1-163-017-00	s	CERAMIC, CHIP 4700pF 10% 50V (2012)
C301	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C302	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C303	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C304	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C305	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C306	1-127-518-11	s	ALUMN SOLID 100uF 20% 16V
C307	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C308	1-111-034-11	s	ELECT 220uF 20% 16V
C310	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)
C311	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C351	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C352	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C353	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C354	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C355	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C356	1-113-577-11	s	ALUMN SOLID 47uF 20% 16V
C357	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C358	1-111-034-11	s	ELECT 220uF 20% 16V
C359	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)
C360	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C401	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C404	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C405	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C406	1-113-577-11	s	ALUMN SOLID 47uF 20% 16V
C407	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C408	1-111-034-11	s	ELECT 220uF 20% 16V
C409	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)
C410	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C501	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C502	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C503	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C504	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C505	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C506	1-127-518-11	s	ALUMN SOLID 100uF 20% 16V
C507	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C508	1-111-034-11	s	ELECT 220uF 20% 16V
C509	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)
C510	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C551	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C552	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C553	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C554	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C555	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C556	1-127-518-11	s	ALUMN SOLID 100uF 20% 16V
C557	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C558	1-111-034-11	s	ELECT 220uF 20% 16V
C559	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)
C560	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V(2012)
C601	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C602	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C603	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C604	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C605	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C606	1-127-518-11	s	ALUMN SOLID 100uF 20% 16V
C607	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C608	1-111-034-11	s	ELECT 220uF 20% 16V
C609	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C610	1-104-850-11	s	TANTALUM 6.8uF 20% 10V (3216)
C611	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C612	1-163-017-00	s	CERAMIC, CHIP 4700pF 10% 50V (2012)
C701	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C702	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C703	1-111-110-11	s	ELECT 39uF 20% 50V
C704	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C705	1-111-110-11	s	ELECT 39uF 20% 50V
C706	1-135-146-21	s	TANTALUM, CHIP 0.68uF 20% 25V(3216)
C707	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C801	1-127-513-00	s	ALUMN SOLID 15uF 20% 25V
C802	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C803	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C804	1-163-009-11	s	CERAMIC, CHIP 1000pF 10% 50V (2012)
C900	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C905	1-107-689-21	s	TANTALUM, CHIP 1.0uF 20% 35V (3216)
C906	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
C907	1-115-339-11	s	CERAMIC, CHIP 0.1uF 10% 50V (2012)
CN1	1-564-708-11	o	CONNECTOR, 6P, MALE
CN2	1-566-982-11	o	CONNECTOR, IL-S 9P, MALE
CN5	1-566-758-11	o	CONNECTOR, ZR 3P, MALE
D1	8-719-801-78	s	DIODE 1SS184
D2	8-719-801-78	s	DIODE 1SS184
D3	8-719-106-88	s	DIODE RD15M-B1
D4	8-719-040-04	s	DIODE MA721WK-(TX)
D101	8-719-938-75	s	DIODE SB05-05CP
D102	8-719-938-75	s	DIODE SB05-05CP
D201	8-719-938-75	s	DIODE SB05-05CP
D202	8-719-938-75	s	DIODE SB05-05CP
D301	8-719-938-75	s	DIODE SB05-05CP
D302	8-719-938-75	s	DIODE SB05-05CP
D351	8-719-938-75	s	DIODE SB05-05CP
D352	8-719-938-75	s	DIODE SB05-05CP
D401	8-719-066-98	s	DIODE RB051L-40
D501	8-719-938-75	s	DIODE SB05-05CP
D502	8-719-938-75	s	DIODE SB05-05CP
D551	8-719-938-75	s	DIODE SB05-05CP
D552	8-719-938-75	s	DIODE SB05-05CP
D601	8-719-938-75	s	DIODE SB05-05CP
D602	8-719-938-75	s	DIODE SB05-05CP
D701	8-719-210-43	s	DIODE EC10QS-06
D801	8-719-104-34	s	DIODE 1S2835
D802	8-719-104-34	s	DIODE 1S2835
D803	8-719-104-34	s	DIODE 1S2835
D804	8-719-104-34	s	DIODE 1S2835
D805	8-719-104-34	s	DIODE 1S2835
IC1	8-759-560-89	s	IC MB3761PF
IC2	8-759-260-57	s	IC TL1451ACPW
IC3	8-759-260-57	s	IC TL1451ACPW
IC4	8-759-260-57	s	IC TL1451ACPW
IC5	8-759-260-57	s	IC TL1451ACPW
IC6	8-759-066-68	s	IC REF-03GS
IC7	8-759-260-57	s	IC TL1451ACPW
IC8	8-759-209-97	s	IC TC4S81F
IC9	8-759-475-89	s	IC LT1121CST-5
IC10	8-759-588-01	s	IC LTC1473CGN
IC11	8-759-234-20	s	IC TC7S08F
IC12	8-759-209-97	s	IC TC4S81F

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Ref. No. or Q'ty	Part No.	SP	Description
IC13	8-759-209-57	s	IC TC4S69F
IC16	8-759-209-97	s	IC TC4S81F
IC20	8-759-560-89	s	IC MB3761PF
IC21	8-729-048-79	s	TRANSISTOR SI4466DY
IC22	8-729-048-79	s	TRANSISTOR SI4466DY
IC23	8-729-048-79	s	TRANSISTOR SI4466DY
IC24	8-729-048-79	s	TRANSISTOR SI4466DY
IC25	8-729-048-79	s	TRANSISTOR SI4466DY
IC26	8-729-048-79	s	TRANSISTOR SI4466DY
IC31	8-729-048-79	s	TRANSISTOR SI4466DY
IC32	8-729-048-79	s	TRANSISTOR SI4466DY
IC33	8-729-048-79	s	TRANSISTOR SI4466DY
IC34	8-729-048-79	s	TRANSISTOR SI4466DY
IC35	8-729-048-79	s	TRANSISTOR SI4466DY
IC36	8-729-048-79	s	TRANSISTOR SI4466DY
IC101	8-729-045-53	s	TRANSISTOR SI4431DY
IC201	8-729-045-53	s	TRANSISTOR SI4431DY
IC301	8-729-045-53	s	TRANSISTOR SI4431DY
IC351	8-729-045-53	s	TRANSISTOR SI4431DY
IC401	8-729-040-75	s	TRANSISTOR SI4953DY
IC501	8-729-045-53	s	TRANSISTOR SI4431DY
IC551	8-729-045-53	s	TRANSISTOR SI4431DY
IC601	8-729-045-53	s	TRANSISTOR SI4431DY
IC900	8-759-542-91	s	IC S-80840ANUP-ED4
IC903	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC904	8-759-234-20	s	IC TC7S08F
L1	1-412-206-11	s	INDUCTOR, CHIP 1.0mH (3225)
L101	1-409-579-11	s	COIL, CHOKE 8.2uH
L102	1-411-967-11	s	COIL, CHOKE 33uH
L103	1-409-579-11	s	COIL, CHOKE 8.2uH
L104	1-409-579-11	s	COIL, CHOKE 8.2uH
L201	1-409-579-11	s	COIL, CHOKE 8.2uH
L202	1-411-967-11	s	COIL, CHOKE 33uH
L203	1-409-579-11	s	COIL, CHOKE 8.2uH
L301	1-409-579-11	s	COIL, CHOKE 8.2uH
L302	1-411-967-11	s	COIL, CHOKE 33uH
L303	1-409-579-11	s	COIL, CHOKE 8.2uH
L304	1-409-579-11	s	COIL, CHOKE 8.2uH
L351	1-409-579-11	s	COIL, CHOKE 8.2uH
L352	1-411-967-11	s	COIL, CHOKE 33uH
L353	1-409-579-11	s	COIL, CHOKE 8.2uH
L401	1-409-579-11	s	COIL, CHOKE 8.2uH
L402	1-409-722-11	s	COIL, CHOKE 220uH
L403	1-409-579-11	s	COIL, CHOKE 8.2uH
L501	1-409-579-11	s	COIL, CHOKE 8.2uH
L502	1-411-967-11	s	COIL, CHOKE 33uH
L503	1-409-579-11	s	COIL, CHOKE 8.2uH
L504	1-409-579-11	s	COIL, CHOKE 8.2uH
L551	1-409-579-11	s	COIL, CHOKE 8.2uH
L552	1-411-967-11	s	COIL, CHOKE 33uH
L553	1-409-579-11	s	COIL, CHOKE 8.2uH
L554	1-409-579-11	s	COIL, CHOKE 8.2uH
L601	1-409-579-11	s	COIL, CHOKE 8.2uH
L602	1-411-967-11	s	COIL, CHOKE 33uH
L603	1-409-579-11	s	COIL, CHOKE 8.2uH
L701	1-409-579-11	s	COIL, CHOKE 8.2uH
L702	1-409-669-11	s	COIL, CHOKE 470uH

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Ref. No. or Q'ty	Part No.	SP	Description
Q1	8-729-024-44	s	TRANSISTOR 2SK2315TY
Q3	8-729-041-24	s	TRANSISTOR NDS355AN
Q4	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q6	8-729-041-24	s	TRANSISTOR NDS355AN
Q7	8-729-041-24	s	TRANSISTOR NDS355AN
Q8	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q9	8-729-041-23	s	TRANSISTOR NDS356AP
Q10	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q11	8-729-027-59	s	TRANSISTOR DTC144EKA
Q12	8-729-027-38	s	TRANSISTOR DTA144EKA
Q13	8-729-027-59	s	TRANSISTOR DTC144EKA
Q26	8-729-027-59	s	TRANSISTOR DTC144EKA
Q101	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q102	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q103	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q104	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q105	8-729-027-44	s	TRANSISTOR DTC114TKA
Q201	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q202	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q203	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q204	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q210	8-729-027-44	s	TRANSISTOR DTC114TKA
Q301	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q302	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q303	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q304	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q305	8-729-027-44	s	TRANSISTOR DTC114TKA
Q351	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q352	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q353	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q354	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q355	8-729-027-44	s	TRANSISTOR DTC114TKA
Q402	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q403	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q405	8-729-027-44	s	TRANSISTOR DTC114TKA
Q501	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q502	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q503	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q504	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q505	8-729-027-44	s	TRANSISTOR DTC114TKA
Q551	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q552	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q553	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q554	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q555	8-729-027-44	s	TRANSISTOR DTC114TKA
Q601	8-729-012-35	s	TRANSISTOR 2SK711-BL
Q602	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q603	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q604	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q605	8-729-027-44	s	TRANSISTOR DTC114TKA
Q701	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q702	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q703	8-729-112-65	s	TRANSISTOR 2SA1462-Y33
Q704	8-729-041-36	s	TRANSISTOR MTD20N06HDL
Q705	8-729-027-44	s	TRANSISTOR DTC114TKA
Q801	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q802	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q803	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6

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Ref. No. or Q'ty	Part No.	SP	Description
Q804	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q805	8-729-216-22	s	TRANSISTOR 2SA1162-G
R1	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R2	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R3	1-216-676-11	s	METAL, CHIP 11K 0.5% 1/10W (2012)
R4	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R5	1-218-770-11	s	METAL, CHIP 560K 0.5% 1/10W (2012)
R6	1-216-696-11	s	METAL, CHIP 75K 0.5% 1/10W (2012)
R7	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W (2012)
R8	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W (2012)
R9	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R10	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R11	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R12	1-216-674-11	s	METAL, CHIP 9.1K 0.5% 1/10W (2012)
R13	1-216-696-11	s	METAL, CHIP 75K 0.5% 1/10W (2012)
R14	1-216-677-11	s	METAL, CHIP 12K 0.5% 1/10W (2012)
R15	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W (2012)
R16	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R18	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R19	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R20	1-216-673-11	s	METAL, CHIP 8.2K 0.5% 1/10W (2012)
R21	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R22	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R23	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R24	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R25	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R26	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R27	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R28	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R29	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R30	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R31	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R32	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R33	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R34	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R35	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R36	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R37	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R38	1-219-685-11	s	METAL, CHIP 0.05 1% 1W (6432)
R39	1-219-685-11	s	METAL, CHIP 0.05 1% 1W (6432)
R40	1-219-796-11	s	METAL, CHIP 0.03 1% 1W (6432)
R41	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R42	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R44	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R45	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R46	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R47	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R48	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R101	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R102	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R103	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R104	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R105	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R106	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R107	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R108	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R109	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R110	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R111	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R112	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R113	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R114	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R115	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R116	1-218-367-11	s	METAL, CHIP 10K 0.1% 1/16W (2012)
R117	1-211-997-11	s	METAL, CHIP 3.0K 0.1% 1/10W (2012)
R118	1-216-613-11	s	METAL, CHIP 27 0.5% 1/10W (2012)
R201	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R202	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R203	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R204	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R205	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R206	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R207	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R209	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R210	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R211	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R212	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R213	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R214	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W (2012)
R215	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R216	1-216-666-11	s	METAL, CHIP 4.3K 0.5% 1/10W (2012)
R217	1-219-218-11	s	METAL, CHIP 24K 0.1% 1/10W (2012)
R218	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R301	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R302	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R303	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R304	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R305	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R306	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R307	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R308	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R309	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R310	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R311	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R313	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R314	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R315	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R316	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R317	1-218-367-11	s	METAL, CHIP 10K 0.1% 1/16W (2012)
R318	1-211-997-11	s	METAL, CHIP 3.0K 0.1% 1/10W (2012)
R319	1-216-613-11	s	METAL, CHIP 27 0.5% 1/10W (2012)
R351	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R352	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R353	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R354	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R355	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R356	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R357	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R358	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R359	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R360	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R361	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R362	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R363	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R364	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R365	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R366	1-219-716-11	s	METAL, CHIP 5.6K 0.1% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R368	1-211-997-11	s	METAL, CHIP 3.0K 0.1% 1/10W (2012)
R369	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
R401	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R405	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R408	1-216-696-11	s	METAL, CHIP 75K 0.5% 1/10W (2012)
R409	1-216-686-11	s	METAL, CHIP 30K 0.5% 1/10W (2012)
R410	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R411	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R412	1-216-690-11	s	METAL, CHIP 43K 0.5% 1/10W (2012)
R413	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R414	1-216-684-11	s	METAL, CHIP 24K 0.5% 1/10W (2012)
R415	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R416	1-218-367-11	s	METAL, CHIP 10K 0.1% 1/16W (2012)
R417	1-211-996-11	s	METAL, CHIP 1.5K 0.1% 1/10W (2012)
R418	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R501	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R502	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R503	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R504	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R505	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R506	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R507	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R508	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R509	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R511	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R512	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R513	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R514	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R515	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R516	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R517	1-218-367-11	s	METAL, CHIP 10K 0.1% 1/16W (2012)
R518	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W (2012)
R519	1-211-997-11	s	METAL, CHIP 3.0K 0.1% 1/10W (2012)
R551	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R552	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R553	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R554	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R555	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R556	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R557	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R558	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R559	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R560	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R561	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R562	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R563	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R564	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R565	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R566	1-218-367-11	s	METAL, CHIP 10K 0.1% 1/16W (2012)
R567	1-211-997-11	s	METAL, CHIP 3.0K 0.1% 1/10W (2012)
R568	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W (2012)
R601	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R602	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R603	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R604	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R605	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R606	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R607	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R608	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R609	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R610	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R611	1-216-689-11	s	METAL, CHIP 39K 0.5% 1/10W (2012)
R612	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W (2012)
R613	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R614	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W (2012)
R615	1-211-998-11	s	METAL, CHIP 4.7K 0.1% 1/16W (1608)
R616	1-219-218-11	s	METAL, CHIP 24K 0.1% 1/10W (2012)
R617	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R701	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R702	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R703	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W (2012)
R704	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R705	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R706	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R707	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R708	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R709	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R710	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R711	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R712	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R713	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R714	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R715	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R716	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R717	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R718	1-216-662-11	s	METAL, CHIP 3.0K 0.5% 1/10W (2012)
R800	1-216-295-00	s	METAL, CHIP 0 (2012)
R801	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R802	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R803	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R804	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R805	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R806	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R807	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R808	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R809	1-218-768-11	s	METAL, CHIP 470K 0.5% 1/10W (2012)
R810	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R900	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R910	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R911	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R912	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R913	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R914	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)

RP-107 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-768-A	o	MOUNTED CIRCUIT BOARD, RP-107
4pcs	3-622-131-01	o	CASE, RP SHIELD
2pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C12	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C13	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C14	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C15	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C16	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C17	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C18	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C21	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C22	1-163-275-11	s	CERAMIC, CHIP 1000pF 5% 50V (2012)
C31	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C32	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C51	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C52	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C53	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C54	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C55	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C56	1-113-981-11	s	TANTALUM, CHIP 22uF 20% 20V (5833)
C57	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C58	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C59	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C60	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C61	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C62	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C63	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C64	1-117-231-11	s	TANTALUM, CHIP 6.8uF 20% 16V (3528)
C65	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C101	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C102	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C104	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C105	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C106	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C107	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C109	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C111	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C112	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C113	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C114	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C131	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C151	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C152	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C153	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C154	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C155	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V (2012)
C156	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C171	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C172	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C173	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C174	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C175	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C176	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C181	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C182	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C183	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C191	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C192	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C193	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C201	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C202	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C203	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C204	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C205	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C206	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C207	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C208	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C211	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C212	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C213	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C214	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C231	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C301	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C302	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C303	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C304	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C305	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C307	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C308	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C309	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C310	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C312	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C313	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C314	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C315	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C316	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C317	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C318	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C331	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C351	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C352	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C353	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C354	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C355	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V (2012)
C356	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C371	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C372	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C373	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C374	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C375	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C376	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C381	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C382	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C383	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C391	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C392	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C393	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C401	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C402	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C403	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C404	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C405	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C406	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C407	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C408	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C409	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C410	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C411	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C412	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C413	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C414	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C415	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C416	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C417	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C418	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C431	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C501	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C502	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C503	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C504	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C505	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V (2012)
C506	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C507	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C508	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C509	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C510	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C511	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C512	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C513	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C514	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C515	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C516	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C551	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C552	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C553	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C554	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V(2012)
C555	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V (2012)
C556	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C557	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C558	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C559	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C560	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C561	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C562	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C563	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C564	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C565	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C566	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C601	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C602	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C603	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C604	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C605	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C606	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C607	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V (2012)
C608	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V (2012)
C609	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C610	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C611	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)

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Ref. No. or Q'ty	Part No.	SP	Description
C612	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C613	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C614	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V(2012)
C615	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C617	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C618	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C619	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C620	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C621	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C622	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C623	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C624	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C625	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C626	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C627	1-113-577-11	s	ALUMN SOLID 47uF 20% 16V
C628	1-104-919-11	s	TANTALUM, CHIP 10uF 20% 25V (6032)
C651	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C652	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C653	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C654	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C655	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C656	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V (2012)
C657	1-113-985-11	s	TANTALUM, CHIP 10uF 20% 20V (3528)
C658	1-113-985-11	s	TANTALUM, CHIP 10uF 20% 20V (3528)
C659	1-113-985-11	s	TANTALUM, CHIP 10uF 20% 20V (3528)
CN1	1-691-550-11	s	CONNECTOR, 3P, MALE
CN2	1-691-550-11	s	CONNECTOR, 3P, MALE
CN3	1-691-550-11	s	CONNECTOR, 3P, MALE
CN4	1-691-550-11	s	CONNECTOR, 3P, MALE
CN5	1-573-806-21	s	CONNECTOR, 6P, MALE
CN6	1-766-383-11	o	CONNECTOR, 12P, MALE
CN7	1-573-290-21	s	CONNECTOR, 4P, MALE
CN10	1-691-550-11	s	CONNECTOR, 3P, MALE
CN102	1-573-290-21	s	CONNECTOR, 4P, MALE
CN401	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
CP651	1-767-279-21	s	VCO, CRYSTAL 20 MHz
D101	8-719-024-81	s	DIODE 1SS300
D102	8-719-024-81	s	DIODE 1SS300
D201	8-719-024-81	s	DIODE 1SS300
D202	8-719-024-81	s	DIODE 1SS300
D301	8-719-024-81	s	DIODE 1SS300
D302	8-719-024-81	s	DIODE 1SS300
D401	8-719-024-81	s	DIODE 1SS300
D402	8-719-024-81	s	DIODE 1SS300
D601	8-719-159-85	s	DIODE RD2.0M-B
D602	8-719-159-85	s	DIODE RD2.0M-B
D603	8-719-159-85	s	DIODE RD2.0M-B
D604	8-719-159-85	s	DIODE RD2.0M-B
D605	8-719-024-81	s	DIODE 1SS300
D606	8-719-210-39	s	DIODE EC10QS04
IC11	8-759-485-79	s	IC TC7SET08FU
IC12	8-759-530-29	s	IC TC4069UBFT
IC13	8-759-530-29	s	IC TC4069UBFT
IC14	8-759-530-29	s	IC TC4069UBFT
IC15	8-759-530-29	s	IC TC4069UBFT
IC31	8-759-251-40	s	IC MB88E346PFV-G-BND-ER
IC101	8-752-054-80	s	IC CXA1521M
IC102	1-809-334-11	s	HIC H8D7184A

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Ref. No. or Q'ty	Part No.	SP	Description
IC131	8-759-082-61	s	IC TC4W53FU
IC151	8-752-052-77	s	IC CXA1450M
IC171	8-752-030-66	s	IC CXA1077M
IC181	8-759-112-53	s	IC UPC1663G
IC191	8-759-112-53	s	IC UPC1663G
IC201	8-752-054-80	s	IC CXA1521M
IC202	1-809-334-11	s	HIC H8D7184A
IC231	8-759-082-61	s	IC TC4W53FU
IC301	8-752-054-80	s	IC CXA1521M
IC302	1-809-334-11	s	HIC H8D7184A
IC331	8-759-082-61	s	IC TC4W53FU
IC351	8-752-052-77	s	IC CXA1450M
IC371	8-752-030-66	s	IC CXA1077M
IC381	8-759-112-53	s	IC UPC1663G
IC391	8-759-112-53	s	IC UPC1663G
IC401	8-752-054-80	s	IC CXA1521M
IC402	1-809-334-11	s	HIC H8D7184A
IC431	8-759-082-61	s	IC TC4W53FU
IC501	8-752-052-73	s	IC CXA1451M
IC502	8-752-052-73	s	IC CXA1451M
IC503	8-752-052-73	s	IC CXA1451M
IC551	8-752-052-73	s	IC CXA1451M
IC552	8-752-052-73	s	IC CXA1451M
IC553	8-752-052-73	s	IC CXA1451M
IC601	8-759-337-40	s	IC NJM2904V
IC602	8-759-337-40	s	IC NJM2904V
IC603	8-759-260-57	s	IC TL1451ACPW
IC604	8-759-710-88	s	IC NJM431U
IC605	8-759-710-88	s	IC NJM431U
IC606	8-729-045-28	s	TRANSISTOR SI4532DY
IC607	8-729-045-28	s	TRANSISTOR SI4532DY
IC608	8-729-044-32	s	TRANSISTOR SI9433DY-T1
IC651	8-759-523-78	s	IC TC74VHC00FT(EL)
IC652	8-729-045-28	s	TRANSISTOR SI4532DY
IC653	8-729-045-28	s	TRANSISTOR SI4532DY
L51	1-409-579-11	s	COIL, CHOKE 8.2uH
L52	1-409-579-11	s	COIL, CHOKE 8.2uH
L53	1-409-579-11	s	COIL, CHOKE 8.2uH
L54	1-409-579-11	s	COIL, CHOKE 8.2uH
L61	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L101	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L102	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L103	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L171	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L201	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L202	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L203	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L301	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L302	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L303	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L371	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L401	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L402	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L403	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L601	1-409-579-11	s	COIL, CHOKE 8.2uH
L602	1-416-617-11	s	COIL, CHOKE 100uH
L603	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L651	1-414-404-11	s	INDUCTOR, CHIP 100uH (3225)
L652	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)

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Ref. No. or Q'ty	Part No.	SP	Description
L653	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
L654	1-414-400-11	s	INDUCTOR, CHIP 22uH (3225)
Q11	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q12	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q101	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q102	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q103	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q151	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q201	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q202	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q203	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q301	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q302	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q303	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q304	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q305	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q351	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q401	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q402	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q403	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q404	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q405	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q601	8-729-106-60	s	TRANSISTOR 2SB1115A
Q602	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q603	8-729-106-60	s	TRANSISTOR 2SB1115A
Q604	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q605	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q606	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q607	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q608	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q609	8-729-028-91	s	TRANSISTOR DTA144EUA
Q610	8-729-028-91	s	TRANSISTOR DTA144EUA
Q611	8-729-029-14	s	TRANSISTOR DTC144EUA
Q612	8-729-029-14	s	TRANSISTOR DTC144EUA
Q613	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q614	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q651	8-729-028-91	s	TRANSISTOR DTA144EUA
Q652	8-729-028-91	s	TRANSISTOR DTA144EUA
Q653	8-729-029-14	s	TRANSISTOR DTC144EUA
R10	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R11	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R12	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R13	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R14	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R15	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R16	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R17	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R18	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R19	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R20	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R21	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R22	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R23	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R24	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R25	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W (2012)
R31	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R32	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R33	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R34	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R35	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R36	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R37	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R51	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R101	1-216-295-00	s	METAL, CHIP 0 (2012)
R102	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R103	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R104	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R105	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R106	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R107	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R108	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R109	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R110	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R111	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R112	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R113	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R114	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R131	1-216-295-00	s	METAL, CHIP 0 (2012)
R132	1-216-295-00	s	METAL, CHIP 0 (2012)
R133	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W (2012)
R134	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R135	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R151	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W (2012)
R152	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R153	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R154	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R155	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R156	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R157	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R158	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R173	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R174	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R181	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R182	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R183	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R184	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R186	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R187	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R191	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R192	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R193	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R194	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R196	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R197	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R201	1-216-295-00	s	METAL, CHIP 0 (2012)
R202	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R203	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R204	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R205	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R206	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R207	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R208	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R209	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R210	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R211	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R212	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R213	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R214	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R231	1-216-295-00	s	METAL, CHIP 0 (2012)
R232	1-216-295-00	s	METAL, CHIP 0 (2012)
R233	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W (2012)
R234	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R235	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R301	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R302	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R303	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R304	1-216-653-11	s	METAL, CHIP 1.2K 0.5% 1/10W (2012)
R305	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R306	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W (2012)
R307	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R308	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R309	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W (2012)
R310	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R311	1-216-295-00	s	METAL, CHIP 0 (2012)
R312	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R313	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R314	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R315	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R316	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R317	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R318	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R319	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R320	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R321	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R322	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R323	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R331	1-216-295-00	s	METAL, CHIP 0 (2012)
R332	1-216-295-00	s	METAL, CHIP 0 (2012)
R333	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W (2012)
R334	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R335	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R351	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W (2012)
R352	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R353	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R354	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R355	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R356	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R357	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R373	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R374	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R381	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R382	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R383	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R384	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R386	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R387	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R391	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R392	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R393	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R394	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R396	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R397	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R401	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R402	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R403	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R404	1-216-653-11	s	METAL, CHIP 1.2K 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R405	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R406	1-216-657-11	s	METAL, CHIP 1.8K 0.5% 1/10W (2012)
R407	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R408	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R409	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W (2012)
R410	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R411	1-216-295-00	s	METAL, CHIP 0 (2012)
R412	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R413	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R414	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R415	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R416	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R417	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R418	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R419	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W (2012)
R420	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R421	1-216-683-11	s	METAL, CHIP 22K 0.5% 1/10W (2012)
R422	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W (2012)
R423	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R431	1-216-295-00	s	METAL, CHIP 0 (2012)
R432	1-216-295-00	s	METAL, CHIP 0 (2012)
R433	1-216-671-11	s	METAL, CHIP 6.8K 0.5% 1/10W (2012)
R434	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R435	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R501	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R502	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R503	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R504	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R505	1-216-626-11	s	METAL, CHIP 91 0.5% 1/10W (2012)
R506	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R507	1-216-626-11	s	METAL, CHIP 91 0.5% 1/10W (2012)
R508	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R509	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R510	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R511	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W (2012)
R512	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R513	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R551	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R552	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R553	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R554	1-216-626-11	s	METAL, CHIP 91 0.5% 1/10W (2012)
R555	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W (2012)
R556	1-216-626-11	s	METAL, CHIP 91 0.5% 1/10W (2012)
R557	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R558	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R559	1-216-620-11	s	METAL, CHIP 51 0.5% 1/10W (2012)
R560	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R561	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R601	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R602	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R603	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R604	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R606	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R607	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R608	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R609	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R610	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R611	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R612	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R613	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R614	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R615	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R616	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R617	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R618	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R619	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R620	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R621	1-216-667-11	s	METAL, CHIP 4.7K 0.5% 1/10W (2012)
R622	1-216-651-11	s	METAL, CHIP 1.0K 0.5% 1/10W (2012)
R623	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R624	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W (2012)
R625	1-216-659-11	s	METAL, CHIP 2.2K 0.5% 1/10W (2012)
R626	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R627	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R628	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R629	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R630	1-216-663-11	s	METAL, CHIP 3.3K 0.5% 1/10W (2012)
R631	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R632	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R633	1-218-760-11	s	METAL, CHIP 220K 0.5% 1/10W (2012)
R634	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R635	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R636	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R637	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R638	1-216-295-00	s	METAL, CHIP 0 (2012)
R639	1-216-295-00	s	METAL, CHIP 0 (2012)
R640	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R641	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R642	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R643	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R644	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R645	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R646	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R647	1-216-665-11	s	METAL, CHIP 3.9K 0.5% 1/10W (2012)
R648	1-216-687-11	s	METAL, CHIP 33K 0.5% 1/10W (2012)
R650	1-216-655-11	s	METAL, CHIP 1.5K 0.5% 1/10W (2012)
R651	1-216-675-11	s	METAL, CHIP 10K 0.5% 1/10W (2012)
R652	1-216-607-11	s	METAL, CHIP 15 0.5% 1/10W (2012)
R653	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R654	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R655	1-216-699-11	s	METAL, CHIP 100K 0.5% 1/10W (2012)
R656	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R657	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R658	1-216-679-11	s	METAL, CHIP 15K 0.5% 1/10W (2012)
R659	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R660	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R661	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R662	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W (2012)
R663	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W (2012)
R664	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W (2012)
R665	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
R666	1-216-691-11	s	METAL, CHIP 47K 0.5% 1/10W (2012)
RV101	1-241-258-11	s	RES, ADJ, CERMET, CHIP 100
RV102	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV103	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV201	1-241-258-11	s	RES, ADJ, CERMET, CHIP 100
RV202	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K

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Ref. No. or Q'ty	Part No.	SP	Description
RV203	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV301	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV302	1-241-258-11	s	RES, ADJ, CERMET, CHIP 100
RV303	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV304	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV401	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV402	1-241-258-11	s	RES, ADJ, CERMET, CHIP 100
RV403	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
RV404	1-241-262-11	s	RES, ADJ, CHIP CERMET 2K
S101	1-771-709-41	s	SWITCH, SLIDE
S151	1-771-709-41	s	SWITCH, SLIDE
S201	1-771-709-41	s	SWITCH, SLIDE
S301	1-771-709-41	s	SWITCH, SLIDE
S401	1-771-709-41	s	SWITCH, SLIDE
T101	1-423-659-11	s	TRANSFORMER, RF OUTPUT
T102	1-423-658-11	s	TRANSFORMER, RF INPUT
T201	1-423-659-11	s	TRANSFORMER, RF OUTPUT
T202	1-423-658-11	s	TRANSFORMER, RF INPUT
T301	1-423-659-11	s	TRANSFORMER, RF OUTPUT
T302	1-423-658-11	s	TRANSFORMER, RF INPUT
T401	1-423-659-11	s	TRANSFORMER, RF OUTPUT
T402	1-423-658-11	s	TRANSFORMER, RF INPUT
TP101	1-535-881-21	o	TERMINAL, TP
TP102	1-535-881-21	o	TERMINAL, TP
TP201	1-535-881-21	o	TERMINAL, TP
TP202	1-535-881-21	o	TERMINAL, TP
TP301	1-535-881-21	o	TERMINAL, TP
TP302	1-535-881-21	o	TERMINAL, TP
TP401	1-535-881-21	o	TERMINAL, TP
TP402	1-535-881-21	o	TERMINAL, TP

SDI-23 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -12			
*2:Board No. suffix -13			
1pc	A-8316-672-B	o	MOUNTED CIRCUIT BOARD, SDI-23
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C1	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C2	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C3	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C4	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C5	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C6	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C100	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C101	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C102	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C103	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C104	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C105	1-117-232-11	s	TANTALUM, CHIP 22uF 20% 4V (3528)
C106	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C107	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C108	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C109	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C110	1-117-232-11	s	TANTALUM, CHIP 22uF 20% 4V (3528)
C111	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C112	1-107-682-11	s	CERAMIC, CHIP 1uF 10% 16V (1608)
C113	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C114	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C115	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C116	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C117	1-117-232-11	s	TANTALUM, CHIP 22uF 20% 4V (3528)
C118	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C119	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C120	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C121	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C122	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C124	1-107-682-11	s	CERAMIC, CHIP 1uF 10% 16V (1608)
C125	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C126	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C127	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C128	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C130	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C131	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C132	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C133	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C134	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C135	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C136	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C137	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C138	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C139	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C140	1-162-907-11	s	CERAMIC, CHIP 2pF 50V (1608)
C141	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C142	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C143	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C144	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C145	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C146	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C147	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C200	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C201	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C202	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C203	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C204	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C205	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C206	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C207	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C208	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C209	1-135-179-21	s	TANTALUM, CHIP 2.2uF 10% 16V (3216)
C210	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C211	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C212	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C213	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C214	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C215	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C216	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C217	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C218	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C219	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C250	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C251	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C252	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C253	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C254	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C255	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C256	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C257	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C258	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C259	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C260	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C261	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C262	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C263	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C264	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C300	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C301	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C302	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C303	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C304	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C305	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C306	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C307	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C308	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C350	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C351	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C352	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C353	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C354	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C355	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C356	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C357	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C358	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C359	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C360	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C361	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C362	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C363	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C364	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C365	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C400	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C401	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C407	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C408	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C409	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C410	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C411	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C412	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C450	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C451	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C452	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C453	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C454	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C455	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C456	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C457	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C458	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C459	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C460	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C461	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C462	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C463	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C464	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C465	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C466	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C467	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C468	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C469	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
C500	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C501	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C502	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C503	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C504	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C505	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C506	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C507	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C508	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C509	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C511	*2 1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C512	*2 1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C550	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C551	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C552	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C553	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C554	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C555	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C556	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C557	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C558	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C559	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C560	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C600	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C601	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C602	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C603	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C604	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C605	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C606	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C607	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C700	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C701	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C702	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C703	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C704	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C705	1-117-232-11	s	TANTALUM, CHIP 22uF 20% 4V (3528)
C706	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C707	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C708	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C709	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C710	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C711	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C712	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C713	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C714	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C715	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C716	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C717	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C718	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C719	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C720	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C721	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C722	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C723	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C724	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C725	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C726	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C727	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C728	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C729	1-162-911-11	s	CERAMIC, CHIP 6pF 50V (1608)
C730	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C731	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C732	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C733	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C734	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C735	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C736	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C737	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C738	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C739	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C740	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C741	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C742	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C743	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C744	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C745	1-162-907-11	s	CERAMIC, CHIP 2pF 50V (1608)
C746	1-162-907-11	s	CERAMIC, CHIP 2pF 50V (1608)
C747	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C748	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C749	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C800	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C801	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C802	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C803	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C804	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C805	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C806	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C807	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C808	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C809	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C810	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C811	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C812	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C813	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN62	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
CN100	1-764-243-11	o	CONNECTOR, COAXIAL 1P, MALE
CN101	1-764-243-11	o	CONNECTOR, COAXIAL 1P, MALE
CN700	1-764-243-11	o	CONNECTOR, COAXIAL 1P, MALE
CN701	1-764-243-11	o	CONNECTOR, COAXIAL 1P, MALE
D200	8-719-941-04	s	DIODE SB007-03CP
D201	8-719-941-04	s	DIODE SB007-03CP
D300	8-719-987-43	s	LED CL-150PG-CD, GRN
D301	8-719-987-43	s	LED CL-150PG-CD, GRN
D302	8-719-059-73	s	LED CL-150HR-CD, RED
D303	8-719-059-73	s	LED CL-150HR-CD, RED
D304	8-719-059-73	s	LED CL-150HR-CD, RED
D305	8-719-059-73	s	LED CL-150HR-CD, RED
D450	8-719-941-23	s	DIODE DA204U
D451 *2	8-719-989-73	s	DIODE SB007T03C
*1	8-719-941-04	s	DIODE SB007-03CP
D452 *2	8-719-989-73	s	DIODE SB007T03C
*1	8-719-941-04	s	DIODE SB007-03CP
D453 *2	8-719-989-73	s	DIODE SB007T03C
*1	8-719-941-04	s	DIODE SB007-03CP
D800	8-719-987-43	s	LED CL-150PG-CD, GRN
D801	8-719-987-43	s	LED CL-150PG-CD, GRN
FB101	1-543-644-11	s	BEAD, FERRITE, CHIP
FB102	1-543-644-11	s	BEAD, FERRITE, CHIP
FB104	1-543-644-11	s	BEAD, FERRITE, CHIP
FB105	1-543-644-11	s	BEAD, FERRITE, CHIP
FB106	1-543-644-11	s	BEAD, FERRITE, CHIP
FB107	1-543-644-11	s	BEAD, FERRITE, CHIP
FB108	1-543-644-11	s	BEAD, FERRITE, CHIP
FB450	1-543-644-11	s	BEAD, FERRITE, CHIP
FB451	1-543-644-11	s	BEAD, FERRITE, CHIP
FB700	1-543-644-11	s	BEAD, FERRITE, CHIP
FB702	1-543-644-11	s	BEAD, FERRITE, CHIP
FB703	1-543-644-11	s	BEAD, FERRITE, CHIP
FB704	1-543-644-11	s	BEAD, FERRITE, CHIP
FB705	1-543-644-11	s	BEAD, FERRITE, CHIP
FB706	1-543-644-11	s	BEAD, FERRITE, CHIP
FB707	1-543-644-11	s	BEAD, FERRITE, CHIP
IC100	8-759-058-43	s	IC NJM3404AV
IC101	8-759-710-88	s	IC NJM431U
IC102	8-752-078-34	s	IC CXB1342R
IC103	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC104	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC200	8-759-523-78	s	IC TC74VHC00FT(EL)
IC201	8-759-082-57	s	IC TC7W04FU
IC202	8-759-524-04	s	IC TC74VHC125FT(EL)
IC203	8-759-523-94	s	IC TC74VHC32FT(EL)
IC204	8-759-523-95	s	IC TC74VHC74FT(EL)
IC205	8-759-172-72	s	IC CXD8386AQ
IC206	8-759-392-01	s	IC TC7SH86FU
IC207	8-759-271-86	s	IC TC7SH04FU
IC208	8-759-523-84	s	IC TC74VHC14FT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC209	8-759-447-77	s	IC TC7WH74FU
IC210	8-759-524-50	s	IC TC74VHC541FT(EL)
IC211	8-759-524-50	s	IC TC74VHC541FT(EL)
IC212	8-759-524-50	s	IC TC74VHC541FT(EL)
IC250	8-759-289-69	s	IC CXD8280AQ
IC252	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC253	8-759-524-50	s	IC TC74VHC541FT(EL)
IC254	8-759-524-50	s	IC TC74VHC541FT(EL)
IC255	8-759-523-81	s	IC TC74VHC08FT(EL)
IC256	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC300	8-759-491-46	s	IC TC74VHCT04AFT
IC301	8-759-344-84	s	IC CXD8953Q
IC302	8-759-524-22	s	IC TC74VHC175FT(EL)
IC303	8-759-082-57	s	IC TC7W04FU
IC304	8-759-082-57	s	IC TC7W04FU
IC350	8-759-524-50	s	IC TC74VHC541FT(EL)
IC351	8-759-524-50	s	IC TC74VHC541FT(EL)
IC352	8-759-175-79	s	IC CXD8818R
IC353	8-759-477-86	s	IC UPD485506G5-25-7JF
IC354	8-759-477-86	s	IC UPD485506G5-25-7JF
IC356	8-759-524-50	s	IC TC74VHC541FT(EL)
IC400	8-752-360-90	s	IC CXD303-101Q
IC406	8-759-175-57	s	IC CXD8820AR
IC407	8-759-524-52	s	IC TC74VHC574FT(EL)
IC408	8-759-524-52	s	IC TC74VHC574FT(EL)
IC450	8-759-387-54	s	IC S-80727-SN-DQ
IC451	8-759-391-30	s	IC 74LVX3245QSC
IC452	8-759-277-63	s	IC TC7W14FU
IC453	8-759-082-58	s	IC TC7W08FU
IC454	8-759-082-57	s	IC TC7W04FU
IC455	8-759-582-53	s	IC UPD78014FGC-632-AB8
IC456	8-759-524-50	s	IC TC74VHC541FT(EL)
IC457	8-759-430-21	s	IC MSM6524GS-KR1
IC461 *2	8-759-196-96	s	IC TC7SH08FU
IC500	8-759-524-27	s	IC TC74VHC244FT(EL)
IC501	8-759-391-30	s	IC 74LVX3245QSC
IC502	8-759-524-50	s	IC TC74VHC541FT(EL)
IC503	8-759-519-12	s	IC CXD8281Q
IC505 *2	8-759-529-76	s	IC TC74VHC595FT
IC506 *2	8-759-529-76	s	IC TC74VHC595FT
IC507 *2	8-759-196-96	s	IC TC7SH08FU
IC508 *2	8-759-271-86	s	IC TC7SH04FU
IC550	8-759-472-67	s	IC 74VHCT574MTCX
IC551	8-759-472-67	s	IC 74VHCT574MTCX
IC552	8-759-172-73	s	IC CXD8385Q
IC553	8-759-447-77	s	IC TC7WH74FU
IC554	8-759-082-57	s	IC TC7W04FU
IC555	8-759-524-18	s	IC TC74VHC163FT(EL)
IC556	8-759-524-18	s	IC TC74VHC163FT(EL)
IC557	8-759-082-59	s	IC TC7W32FU
IC600	8-759-154-60	s	IC UPD71055GB-10-3B4
IC601	8-759-344-84	s	IC CXD8953Q
IC602	8-759-524-50	s	IC TC74VHC541FT(EL)
IC603	8-759-524-50	s	IC TC74VHC541FT(EL)
IC700	8-759-058-43	s	IC NJM3404AV
IC701	8-759-710-88	s	IC NJM431U
IC702	8-752-078-32	s	IC CXB1341R
IC800	8-759-524-28	s	IC TC74VHC245FT(EL)
IC801	8-759-524-50	s	IC TC74VHC541FT(EL)

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IC802	8-759-391-30	s	IC 74LVX3245QSC
IC803	8-759-271-86	s	IC TC7SH04FU
IC804	8-759-524-07	s	IC TC74VHC138FT(EL)
IC805	8-759-524-50	s	IC TC74VHC541FT(EL)
IC806	8-759-524-28	s	IC TC74VHC245FT(EL)
IC807	8-759-524-28	s	IC TC74VHC245FT(EL)
IC808	8-759-082-57	s	IC TC7W04FU
IC809	8-759-523-83	s	IC TC74VHC11FT(EL)
IC810	8-759-154-60	s	IC UPD71055GB-10-3B4
IC811	8-759-524-50	s	IC TC74VHC541FT(EL)
IC812	8-759-523-79	s	IC TC74VHC02FT(EL)
L1	1-406-864-21	s	COIL, CHOKE 4.7uH
L2	1-406-864-21	s	COIL, CHOKE 4.7uH
L3	1-406-864-21	s	COIL, CHOKE 4.7uH
L100	1-410-797-11	s	INDUCTOR, CHIP 0.015uH (3225)
Q100	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q101	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q102	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q103	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q104	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q450	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q700	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q701	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q702	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q703	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q704	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q705	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q706	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q707	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q708	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q709	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q710	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q711	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q712	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q713	8-729-117-32	s	TRANSISTOR 2SC4177-L6
R100	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R101	1-218-701-11	s	METAL, CHIP 2.4K 0.5% 1/16W (1608)
R102	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R103	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R104	1-220-259-11	s	METAL, CHIP 150 5% 1/4W (3225)
R105	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R106	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R107	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R108	1-218-709-11	s	METAL, CHIP 5.1K 0.5% 1/16W (1608)
R109	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R110	1-216-864-11	s	METAL, CHIP 0 (1608)
R111	1-216-864-11	s	METAL, CHIP 0 (1608)
R112	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R113	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R114	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R115	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R117	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R118	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R119	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R120	1-216-864-11	s	METAL, CHIP 0 (1608)
R121	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R122	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R123	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R124	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R126	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R127	1-218-665-11	s	METAL, CHIP 75 0.5% 1/16W (1608)
R128	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R129	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R130	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R131	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R133	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R134	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R135	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R136	1-216-612-11	s	METAL, CHIP 24 0.5% 1/10W (2012)
R137	1-216-618-11	s	METAL, CHIP 43 0.5% 1/10W (2012)
R138	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R139	1-216-612-11	s	METAL, CHIP 24 0.5% 1/10W (2012)
R140	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W (2012)
R141	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R142	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R143	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R144	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R145	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R146	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R147	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R148	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R149	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R200	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R201	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R202	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R203	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R204	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R205	1-216-864-11	s	METAL, CHIP 0 (1608)
R206	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R207	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R208	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R209	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R210	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R211	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R212	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R215	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R216	1-216-864-11	s	METAL, CHIP 0 (1608)
R217	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R218	1-216-864-11	s	METAL, CHIP 0 (1608)
R219	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R220	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R221	1-216-864-11	s	METAL, CHIP 0 (1608)
R250	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R251	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R252	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R253	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R254	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R300	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R301	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R302	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R303	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R304	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
	*1 1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
R305	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
	*1 1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
R306	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
	*1 1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R307	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
	*1 1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
R308	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
	*1 1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
R309	*2 1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
	*1 1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
R350	1-216-864-11	s	METAL, CHIP 0 (1608)
R351	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R353	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R354	1-216-864-11	s	METAL, CHIP 0 (1608)
R355	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R400	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R404	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R405	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R450	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R451	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R452	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R453	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R454	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R455	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R456	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R457	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R458	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R459	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R460	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R461	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R462	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R463	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R464	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R465	1-216-864-11	s	METAL, CHIP 0 (1608)
R466	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R500	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R501	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R503	1-216-864-11	s	METAL, CHIP 0 (1608)
R507	1-216-864-11	s	METAL, CHIP 0 (1608)
R508	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R509	1-216-864-11	s	METAL, CHIP 0 (1608)
R511	*2 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R512	*2 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R513	*2 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R550	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R553	1-216-864-11	s	METAL, CHIP 0 (1608)
R555	1-216-864-11	s	METAL, CHIP 0 (1608)
R556	1-216-864-11	s	METAL, CHIP 0 (1608)
R558	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R560	1-216-864-11	s	METAL, CHIP 0 (1608)
R562	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R600	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R700	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R701	1-218-701-11	s	METAL, CHIP 2.4K 0.5% 1/16W (1608)
R702	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R703	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R704	1-220-259-11	s	METAL, CHIP 150 5% 1/4W (3225)
R705	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R706	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R707	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R708	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R709	1-218-709-11	s	METAL, CHIP 5.1K 0.5% 1/16W (1608)
R710	1-216-864-11	s	METAL, CHIP 0 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R711	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R712	1-216-864-11	s	METAL, CHIP 0 (1608)
R713	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R714	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R715	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R716	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R718	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R719	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R720	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R721	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R722	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R723	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R725	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R726	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R727	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R728	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R729	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R730	1-216-610-11	s	METAL, CHIP 20 0.5% 1/10W (2012)
R731	1-216-618-11	s	METAL, CHIP 43 0.5% 1/10W (2012)
R732	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R733	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R734	1-218-674-11	s	METAL, CHIP 180 0.5% 1/16W (1608)
R735	1-216-612-11	s	METAL, CHIP 24 0.5% 1/10W (2012)
R736	1-216-618-11	s	METAL, CHIP 43 0.5% 1/10W (2012)
R737	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R738	1-216-613-11	s	METAL, CHIP 27 0.5% 1/10W (2012)
R739	1-216-613-11	s	METAL, CHIP 27 0.5% 1/10W (2012)
R740	1-218-711-11	s	METAL, CHIP 6.2K 0.5% 1/16W (1608)
R741	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R742	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R743	1-216-612-11	s	METAL, CHIP 24 0.5% 1/10W (2012)
R744	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W (2012)
R745	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W (2012)
R746	1-216-613-11	s	METAL, CHIP 27 0.5% 1/10W (2012)
R747	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R748	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R749	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R750	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R751	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R752	1-216-295-00	s	METAL, CHIP 0 (2012)
R753	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R754	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W (2012)
R755	1-216-295-00	s	METAL, CHIP 0 (2012)
R756	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W (2012)
R757	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R758	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R759	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W (2012)
R760	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R800	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
R801	1-216-647-11	s	METAL, CHIP 680 0.5% 1/10W (2012)
RB100	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB101	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB102	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB250	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB251	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB252	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB300	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB301	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB350	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)

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Ref. No. or Q'ty	Part No.	SP	Description
RB351	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB352	1-236-904-11	s	RES, NETWORK, CHIP 1Kx4 (3216)
RB353	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB354	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB400	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB401	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB402	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB403	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB450	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB451	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB452	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB453	1-236-904-11	s	RES, NETWORK, CHIP 1Kx4 (3216)
RB454	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB500	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB501	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB502 *2	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB550	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB551	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB600	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB601	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB602	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB700	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB701	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB702	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB800	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB801	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB802	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB803	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB804	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB805	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB806	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB807	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB808	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB809	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB810	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB811	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB812	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
S101 *2	1-771-709-41	s	SWITCH, SLIDE

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Ref. No. or Q'ty	Part No.	SP	Description
C100	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C101	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C200	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C201	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C202	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C300	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C301	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C302	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C400	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C901	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C902	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C903	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C904	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C905	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C906	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C907	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C908	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C909	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN2	1-760-388-11	o	CONNECTOR, 9P, MALE
IC100	8-759-338-95	s	IC NJM2903V
IC101	8-759-338-95	s	IC NJM2903V
IC200	8-759-440-71	s	IC NJM2119M
IC201	8-759-338-95	s	IC NJM2903V
IC300	8-759-338-95	s	IC NJM2903V
IC400	8-759-058-58	s	IC TC7S04FU
PH100	8-749-925-01	s	PHOTOINTERRUPTER SPI-235-18
PH101	8-749-925-01	s	PHOTOINTERRUPTER SPI-235-18
PH200	8-719-988-15	s	PHOTO-REFLECTOR PR-11-C
PH201	8-719-988-15	s	PHOTO-REFLECTOR PR-11-C
PH300	8-749-925-01	s	PHOTOINTERRUPTER SPI-235-18
PH400	8-749-014-69	s	PHOTOINTERRUPTER SPI-238-18
Q100	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q101	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q300	8-729-117-73	s	TRANSISTOR 2SC4178-F14
Q400	8-729-117-73	s	TRANSISTOR 2SC4178-F14
R100	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R101	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R102	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R103	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R104	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R105	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R106	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R107	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R108	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R109	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R110	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R111	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R112	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R113	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R114	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R115	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R116	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R117	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R118	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R119	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R120	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)

(SE-454 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R121	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R122	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R123	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R124	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R125	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R200	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R201	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R202	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R203	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R204	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R205	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R206	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R207	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R208	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R209	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R210	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R211	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R212	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R213	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R214	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R215	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R216	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R217	1-216-864-11	s	METAL, CHIP 0 (1608)
R300	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R301	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R302	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R303	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R304	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R305	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R306	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R307	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R308	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R400	1-218-682-11	s	METAL, CHIP 390 0.5% 1/16W (1608)
R401	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R402	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R403	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R404	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R405	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R406	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R407	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R408	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)

SR-65 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8316-674-A	o	MOUNTED CIRCUIT BOARD, SR-65
C1	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C2	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C3	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
CN1	1-573-290-21	s	CONNECTOR, 4P, MALE
IC1	8-719-821-03	s	ELEMENT, HALL THS117
IC2	8-759-440-71	s	IC NJM2119M
R1	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R3	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R5	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R6	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R7	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R8	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R9	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R10	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
RV1	1-237-038-11	s	RES, ADJ, CHIP CERMET 50K
RV2	1-237-037-11	s	RES, ADJ, CHIP CERMET 20K

SV-206 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -11			
*2:Board No. suffix -12			
1pc	A-8321-770-A	o	MOUNTED CIRCUIT BOARD, SV-206
1pc	3-617-840-01	o	HOLDER, FG SENSOR
C1	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C2	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C3	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C4	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C5	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C6	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C7	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C8	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C9	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C100	1-126-401-11	s	ELECT, CHIP 1.0uF 20% 50V
C101	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C102	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C103	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C104	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C105	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C106	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C107	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C108	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C109	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C110	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C111	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C112	1-162-913-11	s	CERAMIC, CHIP 8pF 50V (1608)
C113	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C114	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C115	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C116	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C117	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C118	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C119	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C120	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C121	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C122	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C124	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C125	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C126	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C127	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C200	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C201	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C202	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C203	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C204	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C205	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C206	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C207	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C208	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C209	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C210	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C211	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C212	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C213	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C214	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C215	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C216	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)

(SV-206 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C217	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C218	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C219	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C220	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C221	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C222	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C300	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C302	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C303	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C304	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C307	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C308	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C400	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C401	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C402	1-125-565-11	s	DOUBLE LAYERS 0.22FARAD 5.5V
C403	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C404	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C405	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V (2012)
C406	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V (2012)
C407	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V (2012)
C408	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C409	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C410	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C411	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C412	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C413	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C414	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C415	1-107-854-11	s	TANTALUM, CHIP 68uF 20% 6.3V (5833)
C416	1-107-854-11	s	TANTALUM, CHIP 68uF 20% 6.3V (5833)
C417	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C418	1-164-245-11	s	CERAMIC, CHIP 0.015uF 10% 25V(1608)
C419	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C420	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C421	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C422	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C423	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C424	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C425	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C500	1-113-985-11	s	TANTALUM, CHIP 10uF 20% 20V (3528)
C501	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C506	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C507 *2	1-127-954-11	s	FILM, CHIP 0.047uF 5% 16V (3216)
C507 *1	1-104-559-11	s	FILM, CHIP 0.047uF 5% 16V (3216)
C508	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V (2012)
C509	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C510	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C511	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C512	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C513	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C514	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C515 *2	1-127-954-11	s	FILM, CHIP 0.047uF 5% 16V (3216)
C515 *1	1-104-559-11	s	FILM, CHIP 0.047uF 5% 16V (3216)
C516	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C517	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V (2012)
C518	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C519	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C521	1-162-965-11	s	CERAMIC, CHIP 1500pF 10% 50V (1608)
C522	1-162-965-11	s	CERAMIC, CHIP 1500pF 10% 50V (1608)
C523	1-113-985-11	s	TANTALUM, CHIP 10uF 20% 20V (3528)

(SV-206 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C524	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C525	1-164-346-11	s	CERAMIC, CHIP 1.0uF 16V (2012)
C526	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C527	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C528	1-164-346-11	s	CERAMIC, CHIP 1.0uF 16V (2012)
C529	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C600	1-164-739-11	s	CERAMIC, CHIP 560pF 5% 50V (1608)
C601	1-162-967-11	s	CERAMIC, CHIP 3300pF 10% 50V (1608)
C602	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C603	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C604	1-162-965-11	s	CERAMIC, CHIP 1500pF 10% 50V (1608)
C605	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C606	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C607	1-107-417-11	s	ELECT, CHIP 33uF 20% 25V
C608	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C609	1-107-417-11	s	ELECT, CHIP 33uF 20% 25V
C610	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C611	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C612	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C613	1-107-417-11	s	ELECT, CHIP 33uF 20% 25V
C614	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C615	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C616	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C617	1-162-967-11	s	CERAMIC, CHIP 3300pF 10% 50V (1608)
C618	1-164-739-11	s	CERAMIC, CHIP 560pF 5% 50V (1608)
C619	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C620	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C622	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C623	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C624	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C625	1-107-417-11	s	ELECT, CHIP 33uF 20% 25V
C626	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C627	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C628	1-107-417-11	s	ELECT, CHIP 33uF 20% 25V
C629	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C630	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C631	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C632	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C633	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C634	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C635	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C636	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C637	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C638	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C639	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C640	1-165-176-11	s	CERAMIC, CHIP 0.047uF 10% 16V(1608)
C641	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C642	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C643	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C644	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C645	1-115-340-11	s	CERAMIC, CHIP 0.22uF 10% 25V (2012)
C700	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C701	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C702	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C703	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C704	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C705 *2	1-127-954-11	s	FILM, CHIP 0.047uF 5% 16V (3216)
*1	1-104-559-11	s	FILM, CHIP 0.047uF 5% 16V (3216)
C706	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C707	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C710	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C711	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C713	1-162-928-11	s	CERAMIC, CHIP 120pF 5% 50V (1608)
C715	1-162-965-11	s	CERAMIC, CHIP 1500pF 10% 50V (1608)
C716	1-162-958-11	s	CERAMIC, CHIP 270pF 5% 50V (1608)
C717	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V(3216)
C718	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C719	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C720	1-162-969-11	s	CERAMIC, CHIP 6800pF 10% 25V (1608)
C721	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C722	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C723	1-107-417-11	s	ELECT, CHIP 33uF 20% 25V
C724	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C725	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C726	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C727	1-107-417-11	s	ELECT, CHIP 33uF 20% 25V
C728	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C729	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C730	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C731	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C732	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C733	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C734	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C735	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C736	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C737	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C738	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C739	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C800	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C801	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C802	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C803	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C804	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C805	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C806	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C807	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C808	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C809	1-115-467-11	s	CERAMIC, CHIP 0.22uF 10% 10V (1608)
C810	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C811	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V(3216)
C812	1-135-145-11	s	TANTALUM, CHIP 0.47uF 10% 35V(3216)
C813	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C814	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C815	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C816	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C817	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C818	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C819	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C820	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V (2012)
C821	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C822	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C823	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C824	1-109-898-11	s	CERAMIC, CHIP 0.018uF 5% 100V(5750)
C825	1-109-897-11	s	CERAMIC, CHIP 0.015uF 5% 100V(5750)
C826	1-109-898-11	s	CERAMIC, CHIP 0.018uF 5% 100V(5750)
C827	1-109-897-11	s	CERAMIC, CHIP 0.015uF 5% 100V(5750)
C828	1-109-898-11	s	CERAMIC, CHIP 0.018uF 5% 100V(5750)
C829	1-109-897-11	s	CERAMIC, CHIP 0.015uF 5% 100V(5750)

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Ref. No. or Q'ty	Part No.	SP	Description
C830	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C831	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C832	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C833	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C834	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C835	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C836	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C838	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C839	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C840	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C900	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C901	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C902	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C903	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C904	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C905	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C906	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C907	1-162-968-11	s	CERAMIC, CHIP 4700pF 10% 50V (1608)
C908	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C909	1-109-898-11	s	CERAMIC, CHIP 0.018uF 5% 100V(5750)
C910	1-109-897-11	s	CERAMIC, CHIP 0.015uF 5% 100V(5750)
C911 *2	1-127-953-21	s	FILM, CHIP 0.033uF 5% 16V (3216)
*1	1-104-557-11	s	FILM, CHIP 0.033uF 5% 16V (3216)
C912	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V (3216)
C913	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C914	1-104-847-11	s	TANTALUM, CHIP 22uF 20% 4V (3216)
C915	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C916	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V (3216)
C917	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C918 *2	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V (1608)
*1	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C919	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C920	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C921	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C922	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C951 *2	1-109-982-11	s	CERAMIC, CHIP 1.0uF 10% 10V (2012)
C952 *2	1-127-951-11	s	FILM, CHIP 0.015uF 5% 16V (3216)
CN101	1-691-591-11	o	CONNECTOR, 8P, MALE
CN102	1-569-775-21	o	CONNECTOR, 5P, MALE
CN201	1-760-388-11	o	CONNECTOR, 9P, MALE
CN202	1-691-551-11	o	CONNECTOR, 8P, MALE
CN301	1-764-875-21	s	CONNECTOR, FPC 25P
CN302	1-764-875-21	s	CONNECTOR, FPC 25P
CN303	1-764-875-21	s	CONNECTOR, FPC 25P
CN304	1-695-209-21	s	CONNECTOR, PC BOARD 15P, MALE
CN305	1-580-756-21	o	CONNECTOR, 7P, MALE
CN401	1-573-290-21	s	CONNECTOR, 4P, MALE
CN601	1-766-383-11	o	CONNECTOR, 12P, MALE
CN701	1-695-320-21	s	CONNECTOR, 2P, MALE
CN702	1-695-320-21	s	CONNECTOR, 2P, MALE
CN703	1-695-320-21	s	CONNECTOR, 2P, MALE
CN704	1-695-320-21	s	CONNECTOR, 2P, MALE
CN705	1-573-290-21	s	CONNECTOR, 4P, MALE
CN706	1-506-468-11	s	CONNECTOR, 3P, MALE
CN707	1-695-320-21	s	CONNECTOR, 2P, MALE
CN901	1-766-383-11	o	CONNECTOR, 12P, MALE
D1	8-719-029-62	s	DIODE RD3.9UH
D100	8-719-820-41	s	DIODE 1SS302
D101	8-719-820-41	s	DIODE 1SS302

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Ref. No. or Q'ty	Part No.	SP	Description
D102	8-719-820-41	s	DIODE 1SS302
D103	8-719-820-41	s	DIODE 1SS302
D105	8-719-820-41	s	DIODE 1SS302
D106	8-719-987-43	s	LED CL-150PG-CD, GRN
D107	8-719-987-41	s	LED CL-150Y-CD, YEL
D108	8-719-987-41	s	LED CL-150Y-CD, YEL
D200	8-719-987-43	s	LED CL-150PG-CD, GRN
D400	8-719-974-51	s	DIODE SB20-03P
D401	8-719-404-35	s	DIODE MA141WK
D402	8-719-404-35	s	DIODE MA141WK
D403	8-719-404-35	s	DIODE MA141WK
D404	8-719-106-53	s	DIODE RD10M-B2
D500	8-719-404-35	s	DIODE MA141WK
D501	8-719-404-35	s	DIODE MA141WK
D502	8-719-404-35	s	DIODE MA141WK
D503	8-719-404-35	s	DIODE MA141WK
D600	8-719-106-53	s	DIODE RD10M-B2
D601	8-719-048-17	s	DIODE MBRS130LT3
D602	8-719-048-17	s	DIODE MBRS130LT3
D603	8-719-106-88	s	DIODE RD15M-B1
D605	8-719-048-17	s	DIODE MBRS130LT3
D606	8-719-048-17	s	DIODE MBRS130LT3
D607	8-719-157-42	s	DIODE RD8.2M-B
D608	8-719-404-35	s	DIODE MA141WK
D609	8-719-404-35	s	DIODE MA141WK
D610	8-719-105-91	s	DIODE RD5.6M-B2
D611	8-719-404-35	s	DIODE MA141WK
D612	8-719-404-35	s	DIODE MA141WK
D613 *2	8-719-820-41	s	DIODE 1SS302
*1	8-719-021-31	s	DIODE UZM5.1B
D621 *1	8-719-820-41	s	DIODE 1SS302
D700	8-719-404-35	s	DIODE MA141WK
D702	8-719-048-17	s	DIODE MBRS130LT3
D801	8-719-024-81	s	DIODE 1SS300
D802	8-719-024-81	s	DIODE 1SS300
D803	8-719-024-81	s	DIODE 1SS300
D804	8-719-024-81	s	DIODE 1SS300
D805	8-719-024-81	s	DIODE 1SS300
D900	8-719-820-41	s	DIODE 1SS302
D901	8-719-820-41	s	DIODE 1SS302
IC1	8-759-196-96	s	IC TC7SH08FU
IC100	8-759-337-40	s	IC NJM2904V
IC101	8-759-523-00	s	IC TC74HC4051AFT(EL)
IC102	8-759-348-69	s	IC HD6415108RF10
IC103	8-759-523-81	s	IC TC74VHC08FT(EL)
IC104	8-759-523-78	s	IC TC74VHC00FT(EL)
IC105	8-759-530-05	s	IC TC4053BFT
IC106	8-759-545-80	s	IC LC3564BM-70-TLM
IC107	8-759-524-08	s	IC TC74VHC139FT
IC108	8-759-523-94	s	IC TC74VHC32FT(EL)
IC109	8-759-491-46	s	IC TC74VHCT04AFT
IC110	8-759-545-80	s	IC LC3564BM-70-TLM
IC111	8-759-523-78	s	IC TC74VHC00FT(EL)
IC112	--Pending---	s	IC MBM29F400BC-90PF
IC113	8-752-381-56	s	IC CXD1095AR
IC114	8-759-082-61	s	IC TC4W53FU
IC200	8-759-338-95	s	IC NJM2903V
IC201	8-759-485-79	s	IC TC7SET08FU
IC202	8-759-523-00	s	IC TC74HC4051AFT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC203	8-759-523-96	s	IC TC74VHC86FT(EL)
IC204	8-759-530-05	s	IC TC4053BFT
IC205	8-759-083-94	s	IC TC7W74FU
IC206	8-759-926-37	s	IC SN74HC193ANS
IC207	8-759-271-86	s	IC TC7SH04FU
IC208	8-752-343-05	s	IC CXD2202Q
IC300	8-759-973-43	s	IC MB8421-90LPFQ
IC302	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC303	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC304	8-759-399-51	s	IC 74LVX4245QSC
IC305	8-752-381-56	s	IC CXD1095AR
IC306	8-759-523-84	s	IC TC74VHC14FT(EL)
IC400	8-759-338-95	s	IC NJM2903V
IC402	8-759-463-91	s	IC UPD75106GF-J20-3BE
IC403	8-759-543-17	s	IC S-80833ALUP-EAX
IC404	8-759-464-95	s	IC AK6420AF
IC405	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC406	8-759-530-05	s	IC TC4053BFT
IC407	8-759-805-32	s	IC LA7205M
IC408	8-759-710-28	s	IC NJM4565M-A
IC409	8-743-914-00	s	IC BX-3914
IC410	8-759-523-78	s	IC TC74VHC00FT(EL)
IC411	8-759-530-05	s	IC TC4053BFT
IC500	8-759-635-27	s	IC M62352GP
IC501	8-759-337-40	s	IC NJM2904V
IC502	8-759-337-41	s	IC NJM2902V
IC503	8-759-273-87	s	IC NJM2901V
IC505	8-759-491-46	s	IC TC74VHCT04AFT
IC506	8-759-338-95	s	IC NJM2903V
IC600	8-759-388-63	s	IC NJU7064V
IC601	8-759-338-95	s	IC NJM2903V
IC602	8-759-276-89	s	IC BA6285FP
IC603	8-759-388-63	s	IC NJU7064V
IC604	8-759-338-95	s	IC NJM2903V
IC605	8-759-523-04	s	IC TC74HC4538AFT
IC606	8-759-337-40	s	IC NJM2904V
IC700	8-759-388-63	s	IC NJU7064V
IC701	8-759-338-95	s	IC NJM2903V
IC702	8-759-388-63	s	IC NJU7064V
IC703	8-759-530-05	s	IC TC4053BFT
IC706	8-759-388-62	s	IC NJU7062M
IC707	8-759-530-05	s	IC TC4053BFT
IC709	8-759-082-61	s	IC TC4W53FU
IC710	8-759-440-71	s	IC NJM2119M
IC711	8-759-082-61	s	IC TC4W53FU
IC712	8-759-489-87	s	IC BA6444FP
IC713	8-759-388-62	s	IC NJU7062M
IC714	8-759-440-71	s	IC NJM2119M
IC801	8-759-051-46	s	IC SN74HC4040APW
IC802	8-759-196-96	s	IC TC7SH08FU
IC803	8-759-523-95	s	IC TC74VHC74FT(EL)
IC804	8-759-523-04	s	IC TC74HC4538AFT
IC805	8-759-049-60	s	IC SN74HC08APW
IC806	8-759-524-48	s	IC TC74VHC393FT
IC807	8-759-049-56	s	IC SN74HC02APW
IC808	8-759-523-04	s	IC TC74HC4538AFT
IC809	8-759-491-46	s	IC TC74VHCT04AFT
IC810	8-759-196-93	s	IC TC7SH00FU
IC900	8-759-392-01	s	IC TC7SH86FU

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Ref. No. or Q'ty	Part No.	SP	Description
IC901	8-759-530-05	s	IC TC4053BFT
IC902	8-759-710-28	s	IC NJM4565M-A
IC903	8-759-710-28	s	IC NJM4565M-A
IC904	8-759-196-96	s	IC TC7SH08FU
IC905	8-759-338-95	s	IC NJM2903V
IC8000	8-759-271-86	s	IC TC7SH04FU
L1	1-424-643-11	s	COIL, CHOKE 10uH
L2	1-424-643-11	s	COIL, CHOKE 10uH
L3	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L4	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L5	1-414-398-11	s	INDUCTOR, CHIP 10uH (3225)
L400	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L401	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L500	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L501	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L600	1-409-579-11	s	COIL, CHOKE 8.2uH
L601	1-416-617-11	s	COIL, CHOKE 100uH
L602	1-411-755-11	s	COIL, CHOKE 47uH
L603	1-411-755-11	s	COIL, CHOKE 47uH
L604	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L605	1-409-579-11	s	COIL, CHOKE 8.2uH
L606	1-409-722-11	s	COIL, CHOKE 220uH
L700	1-409-579-11	s	COIL, CHOKE 8.2uH
L701	1-409-722-11	s	COIL, CHOKE 220uH
L801	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L802	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L803	1-414-402-11	s	INDUCTOR, CHIP 47uH (3225)
L900	1-411-755-11	s	COIL, CHOKE 47uH
L951	*2 1-412-138-11	s	INDUCTOR, CHIP 100uH (3225)
LV800	1-414-007-11	s	COIL, VAR 1.5uH
LV801	1-414-007-11	s	COIL, VAR 1.5uH
LV802	1-414-007-11	s	COIL, VAR 1.5uH
M3	3-611-385-01	o	PIN, DETECTION
M4	3-611-405-01	o	SPRING, COMPRESSION
M4	4-963-480-01	s	SPRING, COMPRESSION
PH300	8-719-988-15	s	PHOTO-REFLECTOR PR-11-C
PH301	8-719-988-15	s	PHOTO-REFLECTOR PR-11-C
PH302	8-719-988-15	s	PHOTO-REFLECTOR PR-11-C
PH303	8-719-988-15	s	PHOTO-REFLECTOR PR-11-C
PH304	8-749-010-00	s	PHOTO-INTERRUPTER GP1S33
PH400	8-749-010-00	s	PHOTO-INTERRUPTER GP1S33
PH500	8-719-939-23	s	PHOTO-INTERRUPTER GP2S09-C
PH501	8-719-939-23	s	PHOTO-INTERRUPTER GP2S09-C
Q1	8-729-043-74	s	TRANSISTOR SI4435DY
Q2	8-729-029-14	s	TRANSISTOR DTC144EUA
Q3	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA
Q202	8-729-029-14	s	TRANSISTOR DTC144EUA
Q203	8-729-029-14	s	TRANSISTOR DTC144EUA
Q204	8-729-029-14	s	TRANSISTOR DTC144EUA
Q300	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q301	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q302	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q303	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q304	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q400	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q401	8-729-029-14	s	TRANSISTOR DTC144EUA

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Ref. No. or Q'ty	Part No.	SP	Description
Q402	8-729-029-14	s	TRANSISTOR DTC144EUA
Q403	8-729-029-14	s	TRANSISTOR DTC144EUA
Q404	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q405	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q500	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q501	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q600	8-729-040-75	s	TRANSISTOR SI4953DY
Q601	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q602	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q603	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q604	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q605	8-729-109-44	s	TRANSISTOR 2SK94
Q606	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q607	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q608	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q609	8-729-109-44	s	TRANSISTOR 2SK94
Q610	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q611	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q612	8-729-040-75	s	TRANSISTOR SI4953DY
Q613	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q614	8-729-109-44	s	TRANSISTOR 2SK94
Q615	8-729-024-44	s	TRANSISTOR 2SK2315TY
Q616	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q617	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q618	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q619	8-729-024-50	s	TRANSISTOR SI9936DY
Q621	8-729-043-74	s	TRANSISTOR SI4435DY
Q622	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q700	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q701	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q702	8-729-029-14	s	TRANSISTOR DTC144EUA
Q703	8-729-029-14	s	TRANSISTOR DTC144EUA
Q704	8-729-028-91	s	TRANSISTOR DTA144EUA
Q705	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q706	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q707	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q708	8-729-040-75	s	TRANSISTOR SI4953DY
Q709	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q710	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q711	8-729-029-14	s	TRANSISTOR DTC144EUA
Q712	8-729-029-14	s	TRANSISTOR DTC144EUA
Q800	8-729-028-91	s	TRANSISTOR DTA144EUA
Q801	8-729-028-91	s	TRANSISTOR DTA144EUA
Q802	8-729-029-14	s	TRANSISTOR DTC144EUA
Q803	8-729-029-14	s	TRANSISTOR DTC144EUA
Q804	8-729-029-14	s	TRANSISTOR DTC144EUA
Q805	8-729-029-14	s	TRANSISTOR DTC144EUA
Q806	8-729-029-14	s	TRANSISTOR DTC144EUA
Q807	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q808	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q809	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q810	8-729-822-84	s	TRANSISTOR 2SB1202FAST
Q811	8-729-029-14	s	TRANSISTOR DTC144EUA
Q812	8-729-822-84	s	TRANSISTOR 2SB1202FAST
Q813	8-729-029-14	s	TRANSISTOR DTC144EUA
Q814	8-729-822-84	s	TRANSISTOR 2SB1202FAST
Q815	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q816	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q817	8-729-117-32	s	TRANSISTOR 2SC4177-L6

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Ref. No. or Q'ty	Part No.	SP	Description
Q818	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q819	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q820	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q821	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q822	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q823	8-729-808-42	s	TRANSISTOR 2SD1624-T
Q824	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q825	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q826	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q827	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q900	8-729-028-91	s	TRANSISTOR DTA144EUA
Q901	8-729-029-14	s	TRANSISTOR DTC144EUA
Q902	8-729-824-34	s	TRANSISTOR 2SJ187
Q903	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q904	8-729-013-37	s	TRANSISTOR 2SC4213-AB
Q905	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q906	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q907	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q951 *2	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q952 *2	8-729-028-91	s	TRANSISTOR DTA144EUA
R1	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R2	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R3	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R4	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R5	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R10	1-216-864-11	s	METAL, CHIP 0 (1608)
R11	1-216-864-11	s	METAL, CHIP 0 (1608)
R14	1-216-864-11	s	METAL, CHIP 0 (1608)
R15	1-216-864-11	s	METAL, CHIP 0 (1608)
R100	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R101	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R102	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R103	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R104	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R105	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R106	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R107	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R108	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R109	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R110	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R111	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R112	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R113	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R114	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R115	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R117	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R118	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R119	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R120	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R121	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R122	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R123	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R124	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R125	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R126	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R127	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R128	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R129	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R130	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R131	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R132	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R134	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R135	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R136	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R137	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R138	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R139	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R140	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R141	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R142	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R143	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R144	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R145	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R200	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R201	1-216-864-11	s	METAL, CHIP 0 (1608)
R202	1-216-864-11	s	METAL, CHIP 0 (1608)
R203	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R204	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R205	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R206	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R207	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R208	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R209	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R210	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R211	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R212	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R213	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R214	*1 1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R215	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R216	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R217	1-216-864-11	s	METAL, CHIP 0 (1608)
R218	1-216-864-11	s	METAL, CHIP 0 (1608)
R219	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R220	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R221	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R222	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R223	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R224	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R225	1-216-864-11	s	METAL, CHIP 0 (1608)
R226	1-216-864-11	s	METAL, CHIP 0 (1608)
R227	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R228	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R229	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R230	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R231	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R232	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R233	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R234	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R235	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R236	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R237	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R238	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R239	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R240	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R241	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R242	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R243	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R244	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R245	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R246	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R247	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R248	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R249	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R250	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R251	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R257	1-216-864-11	s	METAL, CHIP 0 (1608)
R260	1-216-864-11	s	METAL, CHIP 0 (1608)
R261	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R262	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R263	*1 1-216-864-11	s	METAL, CHIP 0 (1608)
R264	*1 1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R300	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R301	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R304	1-216-864-11	s	METAL, CHIP 0 (1608)
R305	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R306	1-216-864-11	s	METAL, CHIP 0 (1608)
R307	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R308	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R309	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R310	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R311	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R312	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R313	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R314	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R315	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R316	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R317	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R318	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R319	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R320	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R321	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R322	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R323	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R324	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R325	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R326	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R327	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R328	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R329	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R330	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R331	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R400	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R401	1-218-752-11	s	METAL, CHIP 330K 0.5% 1/16W (1608)
R402	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R403	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R404	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R405	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R406	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R407	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R408	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R409	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R410	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R411	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R412	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R413	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R414	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R415	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R416	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R417	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R418	1-218-687-11	s	METAL, CHIP 620 0.5% 1/16W (1608)
R420	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R423	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R424	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R425	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R426	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R427	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R428	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R429	1-218-693-11	s	METAL, CHIP 1.1K 0.5% 1/16W (1608)
R430	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R431	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R432	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R433	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R434	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R435	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R436	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R437	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R438	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R439	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R440	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R441	1-216-864-11	s	METAL, CHIP 0 (1608)
R442	1-216-864-11	s	METAL, CHIP 0 (1608)
R500	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R501	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R502	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R503	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R504	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R505	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R506	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R507	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R508	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R509	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R510	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R511	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R512	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R513	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R514	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R515	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R516	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R517	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R518	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R519	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R520	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R521	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R522	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R523	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R524	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R525	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R526	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R527	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R528	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R529	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R530	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R531	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R532	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R533	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R534	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R535	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R536	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R537	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R538	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R539	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R540	1-218-689-11	s	METAL, CHIP 750 0.5% 1/16W (1608)
R541	1-218-746-11	s	METAL, CHIP 180K 0.5% 1/16W (1608)
R543	1-218-746-11	s	METAL, CHIP 180K 0.5% 1/16W (1608)
R545	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R546	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R547	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R548	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R549	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R550	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R551	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R552	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R553	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R554	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R555	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R556	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)
R557	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R558	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R559	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R560	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R561	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R562	1-218-707-11	s	METAL, CHIP 4.3K 0.5% 1/16W (1608)
R563	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R564	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R565	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R566	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R600	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R601	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R602	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R603	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R605	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R606	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R607	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R608	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R609	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R610	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R611	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R612	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R613	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R614	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R615	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R616	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R617	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R618	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R620	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R621	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R622	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R623	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R624	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R625	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R626	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R627	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R628	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R629	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R632	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R633	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R634	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R635	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R636	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R637	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R638	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R639	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R640	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R641	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R642	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R644	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R645	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R646	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R647	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R648	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R650	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R652	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R653	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R654	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R655	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R656	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R657	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R658	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R659	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R660	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R661	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R662	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R663	1-216-864-11	s	METAL, CHIP 0 (1608)
R664	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R665	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R666	1-218-722-11	s	METAL, CHIP 18K 0.5% 1/16W (1608)
R667	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R668	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R669	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R671	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R672	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R673	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R676	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R677	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R678	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R679	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R680	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R686	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R687	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R688	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R689	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R690	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R691	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R692	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R693	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R694	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R695	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R700	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R701	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R702	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R703	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R704	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R705	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R706	1-218-742-11	s	METAL, CHIP 120K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R707	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R708	1-218-742-11	s	METAL, CHIP 120K 0.5% 1/16W (1608)
R709	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R710	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R711	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R712	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R713	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R714	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R715	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R716	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R717	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R718	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R719	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R720	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R721	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R722	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R723	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R724	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R726	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R727	1-216-854-11	s	METAL, CHIP 560K 5% 1/16W (1608)
R728	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R729	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R730	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R731	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R732	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R733	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R734	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R735	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R736	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R737	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R738	1-218-742-11	s	METAL, CHIP 120K 0.5% 1/16W (1608)
R740	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R741	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R742	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R743	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R744	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R745	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R746	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R747	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R748	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R749	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R750	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R751	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R752	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R753	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R754	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R755	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R756	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R757	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R758	1-218-714-11	s	METAL, CHIP 8.2K 0.5% 1/16W (1608)
R759	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R760	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R761	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R762	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R763	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R764	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R765	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R766	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R768	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R769	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R770	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R771	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R773	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R774	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R775	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R776	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R777	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R800	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R801	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R802	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R803	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R805	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R806	1-218-678-11	s	METAL, CHIP 270 0.5% 1/16W (1608)
R807	1-216-864-11	s	METAL, CHIP 0 (1608)
R808	1-216-864-11	s	METAL, CHIP 0 (1608)
R809	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R812	1-218-739-11	s	METAL, CHIP 91K 0.5% 1/16W (1608)
R813	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R814	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R815	1-218-727-11	s	METAL, CHIP 30K 0.5% 1/16W (1608)
R816	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R817	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R818	1-218-710-11	s	METAL, CHIP 5.6K 0.5% 1/16W (1608)
R819	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R820	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R821	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R822	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R823	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R824	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R825	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R826	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R827	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R828	1-218-739-11	s	METAL, CHIP 91K 0.5% 1/16W (1608)
R829	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R830	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R831	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R832	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R833	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R834	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R835	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R836	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R837	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R838	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R839	1-220-942-11	s	METAL, CHIP 3.30 1% 1/4W (2012)
R840	1-220-942-11	s	METAL, CHIP 3.30 1% 1/4W (2012)
R841	1-220-942-11	s	METAL, CHIP 3.30 1% 1/4W (2012)
R842	1-220-942-11	s	METAL, CHIP 3.30 1% 1/4W (2012)
R843	1-220-942-11	s	METAL, CHIP 3.30 1% 1/4W (2012)
R844	1-220-942-11	s	METAL, CHIP 3.30 1% 1/4W (2012)
R845	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R846	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R847	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R848	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R849	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R850	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R851	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R900	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R901	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R902	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R903	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R904	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R905	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R906	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R907	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R908	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R909	1-216-298-00	s	METAL, CHIP 2.2 5% 1/10W (2012)
R910	1-216-298-00	s	METAL, CHIP 2.2 5% 1/10W (2012)
R911	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R912	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R913	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R914	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R915	1-219-724-11	s	METAL, CHIP 1.00 1% 1/4W (2012)
R916	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R917	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R918	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R919	1-218-696-11	s	METAL, CHIP 1.5K 0.5% 1/16W (1608)
R920	1-218-744-11	s	METAL, CHIP 150K 0.5% 1/16W (1608)
R921	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R922	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R923	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R924	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R925	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R926	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R927	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R928	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R929	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R930	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R931	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W (1608)
R932	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R933	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R951 *2	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R952 *2	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
RB100	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB101	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB200	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB202	1-236-904-11	s	RES, NETWORK, CHIP 1Kx4 (3216)
RB203	1-236-904-11	s	RES, NETWORK, CHIP 1Kx4 (3216)
RB205	1-236-904-11	s	RES, NETWORK, CHIP 1Kx4 (3216)
RB300	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB301	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB302	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB303	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB304	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB305	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB306	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB307	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB308	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB400	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB401	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RV100	1-237-036-11	s	RES, ADJ, CHIP CERMET 10K
RV800 *1	1-237-041-11	s	RES, ADJ, CHIP, CERMET 500K
S100	1-572-971-31	s	SWITCH, SLIDE
S101	1-572-474-11	s	SWITCH, PUSH
S400	1-572-719-11	s	SWITCH, PUSH (1 KEY)
S401	1-572-719-11	s	SWITCH, PUSH (1 KEY)
S402	1-572-719-11	s	SWITCH, PUSH (1 KEY)

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Ref. No. or Q'ty	Part No.	SP	Description
S403	1-572-719-11	s	SWITCH, PUSH (1 KEY)
S404	1-572-719-11	s	SWITCH, PUSH (1 KEY)
S405	1-572-719-11	s	SWITCH, PUSH (1 KEY)
S406	1-572-719-11	s	SWITCH, PUSH (1 KEY)
T800	1-424-511-11	s	TRANSFORMER, FE
T801	1-424-511-11	s	TRANSFORMER, FE
T802	1-424-511-11	s	TRANSFORMER, FE
T900	1-424-511-11	s	TRANSFORMER, FE
X100	1-760-273-11	s	CRYSTAL 20 MHz
X400	1-579-928-11	s	RESONATOR, CERAMIC 2.27 MHz
X800	1-767-717-11	s	CRYSTAL 8.38 MHz

SY-272 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-764-A	o	MOUNTED CIRCUIT BOARD, SY-272
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
BT101	1-767-156-11	s	BATTERY, M4T28-BR12SH1
C1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C3	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C4	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C5	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C6	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C7	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C8	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C9	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C10	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C11	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C12	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C13	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C19	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C100	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C102	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C103	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C104	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C105	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C106	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C107	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C108	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C109	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C110	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C111	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C112	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C113	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C114	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C115	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C116	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C117	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C118	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C119	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C120	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C121	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C122	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C124	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C125	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C126	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C127	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C128	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C129	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C130	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C131	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C132	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C133	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C134	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C136	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C137	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C138	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C139	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C140	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C141	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C142	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C143	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C144	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C145	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C146	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C201	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C202	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C203	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C204	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C205	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C206	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C207	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C208	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C209	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C210	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C211	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C212	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C213	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C214	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C215	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C216	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C217	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C218	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C219	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C220	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C221	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C222	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C224	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C225	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C226	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C227	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C300	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C301	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C302	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C303	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C304	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C305	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C306	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C307	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C308	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C309	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C310	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C311	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C312	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C313	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C314	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C315	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C316	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C317	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V (3528)
C318	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C319	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C320	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C321	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C322	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C323	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C324	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C325	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C327	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C400	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C401	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C402	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C403	1-113-991-11	s	TANTALUM, CHIP 33uF 20% 16V (6032)
C404	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C405	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C406	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C407	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C408	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C411	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C412	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C413	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C414	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C415	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C416	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C417	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C418	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C419	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C420	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C423	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C424	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C425	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C426	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C427	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C428	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C429	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C430	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C431	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C432	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C433	1-115-581-11	s	TANTALUM, CHIP 100uF 20% 16V (5846)
C434	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN1	1-569-775-21	o	CONNECTOR, 5P, MALE
CN2	1-580-056-21	o	CONNECTOR, 3P, MALE
CN3	1-779-746-21	s	CONNECTOR, B-B 50P
CN42	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
D101	8-719-024-81	s	DIODE 1SS300
D201	8-719-024-81	s	DIODE 1SS300
D202	8-719-987-43	s	LED CL-150PG-CD, GRN
D205	8-719-989-22	s	LED CL-150R-CD, RED
FL400	1-117-193-11	s	CERAMIC, CHIP 1.5uF 50V 6A (5057)
FL401	1-117-193-11	s	CERAMIC, CHIP 1.5uF 50V 6A (5057)
IC1	--Pending---	o	IC AM29F040B-120JC
IC3	--Pending---	o	IC AM29F040B-120JC
IC4	--Pending---	o	IC AM29F040B-120JC
IC5	8-759-580-57	s	IC HM628512BLTT-5SL
IC6	8-759-580-57	s	IC HM628512BLTT-5SL
IC7	8-759-580-57	s	IC HM628512BLTT-5SL
IC8	8-759-580-57	s	IC HM628512BLTT-5SL
IC9	8-759-049-88	s	IC SN74HCT245APW
IC10	8-759-049-88	s	IC SN74HCT245APW
IC11	8-759-049-88	s	IC SN74HCT245APW
IC12	8-759-049-88	s	IC SN74HCT245APW
IC13	8-759-049-88	s	IC SN74HCT245APW
IC100	8-759-271-86	s	IC TC7SH04FU
IC101	8-759-252-55	s	IC S-80745SL-A9
IC102	8-759-082-57	s	IC TC7W04FU
IC103	8-759-277-63	s	IC TC7W14FU
IC104	8-759-524-18	s	IC TC74VHC163FT(EL)
IC105	8-759-524-18	s	IC TC74VHC163FT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC106	8-759-082-58	s	IC TC7W08FU
IC107	8-759-050-06	s	IC SN74HC157APW
IC108	8-759-485-19	s	IC IDT79R3041-20PF
IC109	8-759-524-27	s	IC TC74VHC244FT(EL)
IC110	8-759-524-51	s	IC TC74VHC573FT(EL)
IC111	8-759-524-51	s	IC TC74VHC573FT(EL)
IC112	8-759-524-51	s	IC TC74VHC573FT(EL)
IC113	8-759-524-51	s	IC TC74VHC573FT(EL)
IC114	8-759-524-28	s	IC TC74VHC245FT(EL)
IC115	8-759-429-27	s	IC CXD9001AR
IC116	8-759-271-86	s	IC TC7SH04FU
IC117	8-759-447-77	s	IC TC7WH74FU
IC118	8-759-271-86	s	IC TC7SH04FU
IC119	8-759-196-97	s	IC TC7SH32FU
IC120	8-759-296-31	s	IC M48T18-100MH1TR
IC121	8-759-524-08	s	IC TC74VHC139FT
IC122	8-759-524-07	s	IC TC74VHC138FT(EL)
IC123	8-759-524-07	s	IC TC74VHC138FT(EL)
IC125	8-759-523-92	s	IC TC74VHC21FT(EL)
IC126	8-759-523-94	s	IC TC74VHC32FT(EL)
IC127	8-759-082-59	s	IC TC7W32FU
IC128	8-759-196-97	s	IC TC7SH32FU
IC201	8-759-082-59	s	IC TC7W32FU
IC203	8-759-190-79	s	IC UPD72001GC-11-3B6
IC204	8-759-271-86	s	IC TC7SH04FU
IC205	8-759-524-25	o	IC TC7WH241FU
IC206	8-759-092-26	s	IC DS3691M
IC208	8-759-082-58	s	IC TC7W08FU
IC209	8-759-923-64	s	IC AM26LS32ACNS
IC212	8-759-082-57	s	IC TC7W04FU
IC213	8-759-497-44	s	IC TC7WH125FU
IC215	8-759-196-97	s	IC TC7SH32FU
IC216	8-759-252-59	s	IC MAX202CSE
IC300	8-759-545-80	s	IC LC3564BM-70-TLM
IC301	8-759-049-86	s	IC SN74HCT244APW
IC302	8-759-175-56	s	IC CXD8804Q
IC303	8-759-050-00	s	IC SN74HC86APW
IC305	8-759-271-86	s	IC TC7SH04FU
IC306	8-759-500-93	s	IC MB90061-111
IC307	8-759-049-76	s	IC SN74HC244APW
IC308	8-759-049-96	s	IC SN74HC32APW
IC309	8-759-050-12	s	IC SN74HC174APW
IC310	8-759-049-60	s	IC SN74HC08APW
IC311	8-759-545-80	s	IC LC3564BM-70-TLM
IC312	8-759-175-56	s	IC CXD8804Q
IC313	8-759-082-57	s	IC TC7W04FU
IC314	8-759-545-80	s	IC LC3564BM-70-TLM
IC315	8-759-175-56	s	IC CXD8804Q
IC316	8-759-050-39	s	IC SN74HC574APW
IC317	8-759-196-93	s	IC TC7SH00FU
IC400	8-759-049-86	s	IC SN74HCT244APW
IC401	8-759-277-63	s	IC TC7W14FU
IC402	8-759-175-77	s	IC CXD8384Q
IC405	8-759-391-30	s	IC 74LVX3245QSC
IC406	8-759-391-30	s	IC 74LVX3245QSC
IC407	8-759-391-30	s	IC 74LVX3245QSC
IC408	8-759-391-30	s	IC 74LVX3245QSC
IC409	8-759-391-30	s	IC 74LVX3245QSC

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Ref. No. or Q'ty	Part No.	SP	Description
IS1	1-540-151-21	s	SOCKET, PLCC IC 32P
IS3	1-540-151-21	s	SOCKET, PLCC IC 32P
IS4	1-540-151-21	s	SOCKET, PLCC IC 32P
Q201	8-729-924-62	s	TRANSISTOR DTC113ZU
Q204	8-729-924-62	s	TRANSISTOR DTC113ZU
R1	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R2	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R3	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R4	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R5	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R6	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R7	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R8	1-216-864-11	s	METAL, CHIP 0 (1608)
R9	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R10	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R11	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R12	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R13	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R103	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R104	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R105	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R106	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R107	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R108	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R109	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R110	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R111	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R112	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R113	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R114	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R115	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R116	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R117	1-216-864-11	s	METAL, CHIP 0 (1608)
R118	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R119	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R120	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R121	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R122	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R123	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R128	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R129	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R136	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R137	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R153	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R154	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R155	1-216-864-11	s	METAL, CHIP 0 (1608)
R201	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R202	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R203	1-216-864-11	s	METAL, CHIP 0 (1608)
R204	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R205	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R206	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R207	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R208	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R209	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R210	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R213	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R214	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R215	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R216	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R217	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R218	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R219	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R220	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R221	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R224	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R225	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R230	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R231	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R239	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R240	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R241	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R242	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R243	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R244	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R247	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R248	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R249	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R250	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R251	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R252	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R253	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R254	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R255	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R256	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R257	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R258	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R259	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R260	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R261	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R262	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R265	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R266	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R267	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R270	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R274	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R275	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R276	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R277	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R279	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R280	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R281	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R282	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R290	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R291	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R292	1-216-864-11	s	METAL, CHIP 0 (1608)
R300	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R301	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R302	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R303	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R306	1-216-864-11	s	METAL, CHIP 0 (1608)
R307	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R308	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R309	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R310	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R311	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R314	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R315	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R316	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R318	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R319	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R320	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R322	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R323	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R324	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R325	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R326	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R327	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R328	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R329	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R330	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R331	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R332	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R333	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R334	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R335	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R336	1-216-864-11	s	METAL, CHIP 0 (1608)
R337	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R338	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R339	1-216-864-11	s	METAL, CHIP 0 (1608)
R340	1-216-864-11	s	METAL, CHIP 0 (1608)
R341	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R347	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R349	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R350	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R351	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R352	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R353	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R354	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R355	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R356	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R357	1-216-864-11	s	METAL, CHIP 0 (1608)
R358	1-216-864-11	s	METAL, CHIP 0 (1608)
R400	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R401	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R402	1-216-864-11	s	METAL, CHIP 0 (1608)
R403	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R404	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R405	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R406	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R407	1-218-680-11	s	METAL, CHIP 330 0.5% 1/16W (1608)
R408	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R409	1-216-864-11	s	METAL, CHIP 0 (1608)
R412	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R413	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R414	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R415	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R416	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R421	1-216-864-11	s	METAL, CHIP 0 (1608)
R423	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R424	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R425	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R426	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R427	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R438	1-216-864-11	s	METAL, CHIP 0 (1608)
R447	1-216-864-11	s	METAL, CHIP 0 (1608)

(SY-272 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R456	1-216-864-11	s	METAL, CHIP 0 (1608)
R465	1-216-864-11	s	METAL, CHIP 0 (1608)
RB1	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB2	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB3	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB4	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB5	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB6	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB7	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB9	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB101	1-236-908-11	s	RES, NETWORK, CHIP 10Kx4 (3216)
RB102	1-239-430-11	s	RES, NETWORK, CHIP 4.7Kx4 (3216)
RB103	1-239-430-11	s	RES, NETWORK, CHIP 4.7Kx4 (3216)
RB104	1-239-430-11	s	RES, NETWORK, CHIP 4.7Kx4 (3216)
RB105	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB106	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB107	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB108	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB109	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB110	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB111	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB112	1-239-305-11	s	RES, NETWORK, CHIP 4.7Kx8 (6432)
RB113	1-239-303-11	s	RES, NETWORK, CHIP 1.0Kx8 (6432)
RB114	1-239-430-11	s	RES, NETWORK, CHIP 4.7Kx4 (3216)
RB201	1-239-306-11	s	RES, NETWORK, CHIP 10Kx8 (6432)
RB202	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB203	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB205	1-236-907-11	s	RES, NETWORK, CHIP 100Kx4 (3216)
RB206	1-239-621-11	s	RES, NETWORK, CHIP 22x4 (3216)
RB300	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB301	1-239-621-11	s	RES, NETWORK, CHIP 22x4 (3216)
RB302	1-239-389-11	s	RES, NETWORK, CHIP 47Kx4 (3216)
RB304	1-239-389-11	s	RES, NETWORK, CHIP 47Kx4 (3216)
RB305	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB306	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB307	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB308	1-239-621-11	s	RES, NETWORK, CHIP 22x4 (3216)
RB309	1-239-621-11	s	RES, NETWORK, CHIP 22x4 (3216)
RB310	1-239-621-11	s	RES, NETWORK, CHIP 22x4 (3216)
RB311	1-239-306-11	s	RES, NETWORK, CHIP 10Kx8 (6432)
RB312	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB313	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB400	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB401	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB402	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB403	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB404	1-239-308-11	s	RES, NETWORK, CHIP 47Kx8 (6432)
RB405	1-239-621-11	s	RES, NETWORK, CHIP 22x4 (3216)
RB406	1-239-621-11	s	RES, NETWORK, CHIP 22x4 (3216)
RB407	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB408	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB409	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB410	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB411	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
RB412	1-239-412-11	s	RES, NETWORK, CHIP 100x4 (3216)
S101	1-572-474-11	s	SWITCH, PUSH
S201	1-572-473-11	s	SWITCH, PUSH
S202	1-692-271-31	s	SWITCH, DIP 8-CKT

(SY-272 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
X101	1-760-528-11	s	OSC, CRYSTAL 40 MHz
X201	1-767-716-11	s	VCO, CRYSTAL 4.9152 MHz
X300	1-767-638-11	s	OSC, CRYSTAL 14.31818 MHz
X301	1-767-715-11	s	OSC, CRYSTAL 17.734475 MHz
X400	1-760-272-11	s	CRYSTAL 13.5 MHz

TG-191 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
*1:Board No. suffix -15			
*2:Board No. suffix -17			
1pc	A-8320-125-B	o	MOUNTED CIRCUIT BOARD, TG-191
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C100	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C101	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C102	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C103	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C104	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C105	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C106	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C107	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C108	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C109	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C110	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C111	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C112	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C113	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C114	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C115	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C116	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C117	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C118	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C119	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C120 *2	1-127-969-11	s	FILM, CHIP 0.0047uF 5% 50V (3216)
*1	1-104-547-11	s	FILM, CHIP 0.0047uF 5% 16V (2012)
C121	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C122	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C123	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C124	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C126	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C127	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C128 *2	1-127-969-11	s	FILM, CHIP 0.0047uF 5% 50V (3216)
*1	1-104-547-11	s	FILM, CHIP 0.0047uF 5% 16V (2012)
C129	1-115-156-11	s	CERAMIC, CHIP 1.0uF 10V (1608)
C130	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C131	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C132	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C133	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C134	1-164-227-11	s	CERAMIC, CHIP 0.022uF 10% 25V(1608)
C135	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C136	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C137	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C138	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C139 *2	1-127-975-11	s	FILM, CHIP 0.047uF 5% 50V (4833)
*1	1-104-559-11	s	FILM, CHIP 0.047uF 5% 16V (3216)
C140	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C141	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C142	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C143	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C144	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C145	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C146	1-162-963-11	s	CERAMIC, CHIP 680pF 10% 50V (1608)
C147	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C148	1-162-963-11	s	CERAMIC, CHIP 680pF 10% 50V (1608)
C149	1-164-315-11	s	CERAMIC, CHIP 470pF 5% 50V (1608)
C150	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V

(TG-191 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C151	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C152	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C153	1-162-911-11	s	CERAMIC, CHIP 6pF 50V (1608)
C154	1-162-907-11	s	CERAMIC, CHIP 2pF 50V (1608)
C155	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C156	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C157	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C158	1-162-921-11	s	CERAMIC, CHIP 33pF 5% 50V (1608)
C159	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C160	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C161	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C162	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C163	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C164 *2	1-127-977-11	s	FILM, CHIP 0.1uF 5% 50V (4833)
*1	1-104-563-11	s	FILM, CHIP 0.1uF 5% 16V (3225)
C165	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C166 *2	1-127-977-11	s	FILM, CHIP 0.1uF 5% 50V (4833)
*1	1-104-563-11	s	FILM, CHIP 0.1uF 5% 16V (3225)
C167	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C168	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C169	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C170	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C171	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C172	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C173	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C174	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C175	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C176	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C177	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C178	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C179	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C180	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C181	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C182	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C183	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C184	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C185	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C186	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C187	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C188	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C189	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C190	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C191	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C192	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C193	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C194	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C195	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C196	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C197	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C198	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C199	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C200	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C201	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C202	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C203	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C204	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C205	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C206	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C207	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

(TG-191 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C208	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C209	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C210	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C211	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C212	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C213	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C214	1-113-500-11	s	TANTALUM, CHIP 100uF 20% 10V (5846)
C215	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C216	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C217	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C218	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C219	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C220	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C221	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C222	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C223	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C224	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C225	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C227	1-135-179-21	s	TANTALUM, CHIP 2.2uF 10% 16V (3216)
C228	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C229	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C230	1-162-964-11	s	CERAMIC, CHIP 1000pF 10% 50V (1608)
C231	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C232	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C233	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C234	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C235	1-113-500-11	s	TANTALUM, CHIP 100uF 20% 10V (5846)
C236	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C237	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C238	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C239	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C240	1-162-925-11	s	CERAMIC, CHIP 68pF 5% 50V (1608)
C241	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C242	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C243	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C244	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C245	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C246	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C247	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C248	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C249	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C250	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C251	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C252	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C253	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C254	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C255	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C256	1-162-963-11	s	CERAMIC, CHIP 680pF 10% 50V (1608)
C257	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C258	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C259	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C260	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C261	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C262	1-113-500-11	s	TANTALUM, CHIP 100uF 20% 10V (5846)
C263	1-113-500-11	s	TANTALUM, CHIP 100uF 20% 10V (5846)
C264	1-113-500-11	s	TANTALUM, CHIP 100uF 20% 10V (5846)
C265	1-113-500-11	s	TANTALUM, CHIP 100uF 20% 10V (5846)
C266	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)
C267	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V (3528)

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Ref. No. or Q'ty	Part No.	SP	Description
C268	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C269	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C270	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C271	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C272	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C273	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C274	1-104-914-11	s	TANTALUM, CHIP 22uF 20% 16V (6032)
C275	1-115-156-11	s	CERAMIC, CHIP 1.0uF 10V (1608)
C276	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C277	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C278	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C279	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C280	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C281	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C282	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C283	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C284	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C285	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C286	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C287	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C288	1-115-156-11	s	CERAMIC, CHIP 1.0uF 10V (1608)
C289	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C290	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C291 *2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C292 *2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C300	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C301	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C302	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C305	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C306	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C307	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C308	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C309	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C310	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C311	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C312	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C313	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C314	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C315	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C316	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C317	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C318	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C319	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C320	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C321	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C322	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C323	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C324	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C325	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C326	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C327	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C328	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C329	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C330	1-162-970-11	s	CERAMIC, CHIP 0.01uF 10% 25V (1608)
C332	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C333	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C338	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C339	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C340	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C400	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C401	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C402	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C403	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C404	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C405	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C406	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C407	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C408	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C409	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C410	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C411	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C412	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C413	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C414	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C415	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C416	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C417	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C418	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C427	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C429	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C430	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C431	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C432	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C433	1-164-230-11	s	CERAMIC, CHIP 220pF 5% 50V (1608)
C434	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C435	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C436	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C437 *1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C438 *1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C440	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C441	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C451	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C454	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C455	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C456	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN52	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
CP101	1-767-619-11	s	VCO, CRYSTAL 17.734475 MHz
CP103	1-767-617-11	s	VCO, CRYSTAL 14.31813 MHz
CP201	1-767-589-11	s	OSC, LITHIUM TANTALATE 24.576 MHz
CP202	1-760-275-11	s	VCO, CRYSTAL 27.0 MHz
D102	8-719-820-41	s	DIODE 1SS302
D103	8-719-820-41	s	DIODE 1SS302
D201	8-719-820-41	s	DIODE 1SS302
D202	8-719-820-41	s	DIODE 1SS302
D204	8-719-820-41	s	DIODE 1SS302
D205	8-719-023-69	s	DIODE SB007T03Q
FB101 *2	1-469-094-11	s	FERRITE, CHIP (1608)
*1	1-543-309-21	s	BEAD, FERRITE
FB103 *2	1-469-094-11	s	FERRITE, CHIP (1608)
*1	1-543-309-21	s	BEAD, FERRITE
FB104 *2	1-469-094-11	s	FERRITE, CHIP (1608)
*1	1-543-309-21	s	BEAD, FERRITE
FB202 *2	1-469-094-11	s	FERRITE, CHIP (1608)
*1	1-543-309-21	s	BEAD, FERRITE
FB208 *2	1-469-094-11	s	FERRITE, CHIP (1608)
*1	1-543-309-21	s	BEAD, FERRITE

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Ref. No. or Q'ty	Part No.	SP	Description
FB209 *2	1-469-094-11	s	FERRITE, CHIP (1608)
*1	1-543-309-21	s	BEAD, FERRITE
IC100	8-759-196-93	s	IC TC7SH00FU
IC101	8-759-389-68	s	IC 74VHCT04MTC
IC102	8-759-195-81	s	IC TC7S86FU
IC103 *2	8-759-030-16	s	IC MC34182M
*1	8-759-485-83	s	IC MC34184DR2
IC104	8-759-082-57	s	IC TC7W04FU
IC105	8-759-009-07	s	IC MC14053BF
IC106	8-759-295-09	s	IC TLC2932IPW
IC107	8-759-987-27	s	IC LM1881M
IC108 *2	8-759-030-16	s	IC MC34182M
*1	8-759-485-83	s	IC MC34184DR2
IC109	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC110	8-759-262-03	s	IC MC14577CF
IC111 *2	8-759-196-93	s	IC TC7SH00FU
*1	8-759-058-54	s	IC TC7S00FU
IC112	8-759-338-95	s	IC NJM2903V
IC113	8-759-702-08	s	IC NJM360M
IC114 *2	8-759-523-81	s	IC TC74VHC08FT(EL)
*1	8-759-524-28	s	IC TC74VHC245FT(EL)
IC115 *2	8-759-196-97	s	IC TC7SH32FU
*1	8-759-082-59	s	IC TC7W32FU
IC116	8-759-239-55	s	IC TC74HC123AF
IC117	8-759-471-98	s	IC 74VHCT08MTC
IC118 *2	8-759-196-97	s	IC TC7SH32FU
*1	8-759-058-64	s	IC TC7S32FU
IC119	8-759-491-50	s	IC TC74VHCT244AFT
IC120	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC121	8-759-082-61	s	IC TC4W53FU
IC122 *2	8-759-271-86	s	IC TC7SH04FU
*1	8-759-082-57	s	IC TC7W04FU
IC123	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC124 *2	8-759-234-77	s	IC TC4S66F
*1	8-759-530-28	s	IC TC4066BFT
IC125	8-759-338-95	s	IC NJM2903V
IC126	8-759-702-08	s	IC NJM360M
IC127	8-759-523-83	s	IC TC74VHC11FT(EL)
IC128	8-759-175-66	s	IC CXD8817Q
IC129	8-759-030-16	s	IC MC34182M
IC130	8-759-907-81	s	IC SN74LS221NS
IC131 *2	8-759-491-46	s	IC TC74VHCT04AFT
*1	8-759-082-57	s	IC TC7W04FU
IC132	8-759-082-61	s	IC TC4W53FU
IC133	8-729-040-75	s	TRANSISTOR SI4953DY
IC134	8-729-024-50	s	TRANSISTOR SI9936DY
IC135 *2	8-759-196-96	s	IC TC7SH08FU
*1	8-759-058-62	s	IC TC7S08FU
IC136	8-759-030-16	s	IC MC34182M
IC137	8-759-009-07	s	IC MC14053BF
IC138 *2	8-759-030-16	s	IC MC34182M
IC139 *2	8-759-030-16	s	IC MC34182M
IC141 *2	8-759-234-77	s	IC TC4S66F
IC200 *2	8-759-196-96	s	IC TC7SH08FU
*1	8-759-058-62	s	IC TC7S08FU
IC201 *2	8-759-196-93	s	IC TC7SH00FU
*1	8-759-058-54	s	IC TC7S00FU
IC202	8-752-334-64	s	IC CXD1171M
IC203	8-759-050-03	s	IC SN74HC151APW
IC204 *2	8-759-271-86	s	IC TC7SH04FU
*1	8-759-058-58	s	IC TC7S04FU

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Ref. No. or Q'ty	Part No.	SP	Description
IC205	8-759-524-18	s	IC TC74VHC163FT(EL)
IC206	8-759-389-68	s	IC 74VHCT04MTC
IC207	8-759-295-09	s	IC TLC2932IPW
IC208	8-759-702-08	s	IC NJM360M
IC209	8-759-523-95	s	IC TC74VHC74FT(EL)
IC210	8-752-334-64	s	IC CXD1171M
IC211	8-759-523-95	s	IC TC74VHC74FT(EL)
IC212	8-759-030-16	s	IC MC34182M
IC213	8-759-523-95	s	IC TC74VHC74FT(EL)
IC214	8-759-702-08	s	IC NJM360M
IC215	8-759-271-86	s	IC TC7SH04FU
IC216	8-759-009-07	s	IC MC14053BF
IC217	8-759-175-65	s	IC CXD8821Q
IC218	8-759-050-03	s	IC SN74HC151APW
IC219	8-759-907-81	s	IC SN74LS221NS
IC220	8-759-491-46	s	IC TC74VHCT04AFT
IC221	8-759-262-03	s	IC MC14577CF
IC222 *2	8-759-030-16	s	IC MC34182M
*1	8-759-485-83	s	IC MC34184DR2
IC223	8-759-338-95	s	IC NJM2903V
IC224	8-759-523-81	s	IC TC74VHC08FT(EL)
IC225	8-759-390-07	s	IC CXD8997R
IC226	8-759-082-57	s	IC TC7W04FU
IC227	8-759-523-94	s	IC TC74VHC32FT(EL)
IC228	8-759-338-95	s	IC NJM2903V
IC229	8-759-196-97	s	IC TC7SH32FU
IC230	8-759-234-77	s	IC TC4S66F
IC231	8-759-234-77	s	IC TC4S66F
IC232	8-759-986-32	s	IC 74ACT244SJ
IC233	8-759-196-97	s	IC TC7SH32FU
IC234 *2	8-759-030-16	s	IC MC34182M
IC300	8-759-524-28	s	IC TC74VHC245FT(EL)
IC301	8-759-524-28	s	IC TC74VHC245FT(EL)
IC302	8-759-524-28	s	IC TC74VHC245FT(EL)
IC303	8-759-524-28	s	IC TC74VHC245FT(EL)
IC304	8-759-523-78	s	IC TC74VHC00FT(EL)
IC305	8-759-523-78	s	IC TC74VHC00FT(EL)
IC306	8-759-524-28	s	IC TC74VHC245FT(EL)
IC307	8-759-524-28	s	IC TC74VHC245FT(EL)
IC308	8-759-523-78	s	IC TC74VHC00FT(EL)
IC310	8-759-524-28	s	IC TC74VHC245FT(EL)
IC400	8-759-391-30	s	IC 74LVX3245QSC
IC401	8-759-524-28	s	IC TC74VHC245FT(EL)
IC402	8-759-524-28	s	IC TC74VHC245FT(EL)
IC404	8-759-491-46	s	IC TC74VHCT04AFT
IC405 *2	8-759-271-86	s	IC TC7SH04FU
*1	8-759-491-46	s	IC TC74VHCT04AFT
IC406	8-759-251-40	s	IC MB88E346PFV-G-BND-ER
IC407	8-759-491-46	s	IC TC74VHCT04AFT
IC411	8-759-391-30	s	IC 74LVX3245QSC
IC412	8-759-391-30	s	IC 74LVX3245QSC
IC413	8-752-381-56	s	IC CXD1095AR
IC414	8-759-524-07	s	IC TC74VHC138FT(EL)
IC415	8-759-196-96	s	IC TC7SH08FU
IC416 *2	8-759-271-86	s	IC TC7SH04FU
L100	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L101	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L102	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)

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Ref. No. or Q'ty	Part No.	SP	Description
L103	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L104 *2	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
*1	1-412-138-11	s	INDUCTOR, CHIP 100uH (3225)
L105	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L106 *2	1-410-385-11	s	INDUCTOR, CHIP 22uH (3225)
*1	1-412-188-11	s	INDUCTOR, CHIP 22uH (3225)
L107 *2	1-410-388-31	s	INDUCTOR, CHIP 39uH (3225)
*1	1-412-143-11	s	INDUCTOR, CHIP 39uH (3225)
L108	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L201	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L202	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L203	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L204	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)
L205 *2	1-410-389-31	s	INDUCTOR, CHIP 47uH (3225)
*1	1-412-191-11	s	INDUCTOR, CHIP 47uH (3225)
L206 *2	1-410-389-31	s	INDUCTOR, CHIP 47uH (3225)
*1	1-412-191-11	s	INDUCTOR, CHIP 47uH (3225)
L207 *2	1-410-389-31	s	INDUCTOR, CHIP 47uH (3225)
*1	1-412-191-11	s	INDUCTOR, CHIP 47uH (3225)
L208 *2	1-410-389-31	s	INDUCTOR, CHIP 47uH (3225)
*1	1-412-191-11	s	INDUCTOR, CHIP 47uH (3225)
L401	1-424-641-11	s	COIL, CHOKE 22uH
L402	1-424-641-11	s	COIL, CHOKE 22uH
L403	1-409-579-11	s	COIL, CHOKE 8.2uH
L404	1-409-579-11	s	COIL, CHOKE 8.2uH
L405	1-409-579-11	s	COIL, CHOKE 8.2uH
L406	1-409-579-11	s	COIL, CHOKE 8.2uH
Q100	8-729-028-91	s	TRANSISTOR DTA144EUA
Q101	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q102	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q103	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q104	8-729-029-14	s	TRANSISTOR DTC144EUA
Q105	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q106	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q107	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q108	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q109	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q110	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q111	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q112	8-729-028-91	s	TRANSISTOR DTA144EUA
Q201	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q202	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R100	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R101	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R103	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R104	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R105	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R106	1-218-690-11	s	METAL, CHIP 820 0.5% 1/16W (1608)
R107	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R108	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R109	1-216-864-11	s	METAL, CHIP 0 (1608)
R110	1-216-864-11	s	METAL, CHIP 0 (1608)
R111	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R112	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R113	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R114	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R115	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R116	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R117	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R118	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R119	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R120	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R121	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R122	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R123	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R124	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R125	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R126	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R127	1-218-736-11	s	METAL, CHIP 68K 0.5% 1/16W (1608)
R128	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R129	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R130	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R131	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R132	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R133	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R134	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R135	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R136	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R137	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R138	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R139	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R140	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R141	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R142	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R143	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R144	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R145	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R146	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R147	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R148	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R149	1-216-864-11	s	METAL, CHIP 0 (1608)
R150	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R151	1-216-789-11	s	METAL, CHIP 2.2 5% 1/16W (1608)
R152	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R153	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R154	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R155	1-218-723-11	s	METAL, CHIP 20K 0.5% 1/16W (1608)
R156	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R157	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R158	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R159	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R160	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R161	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R162	1-216-864-11	s	METAL, CHIP 0 (1608)
R163	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R164	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R165	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R166	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R167	1-218-729-11	s	METAL, CHIP 36K 0.5% 1/16W (1608)
R168	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R169	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R171	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R172	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R173	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R174	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R175	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R176	1-216-864-11	s	METAL, CHIP 0 (1608)
R177	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R178	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R179	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R180	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R181	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R182	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R183	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R184	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R185	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R186	1-216-853-11	s	METAL, CHIP 470K 5% 1/16W (1608)
R187	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R188	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R189	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R190	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R191	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R192	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R193	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R194	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R195	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R196	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R197	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R198	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R199	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R200	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R201	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R202	1-218-734-11	s	METAL, CHIP 56K 0.5% 1/16W (1608)
R203	1-216-864-11	s	METAL, CHIP 0 (1608)
R204	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R205	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R206	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R207	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R208	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R209	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R210	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R211	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R212	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R213	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R214	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R215	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R216	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R217	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R218	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R219	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R220	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R221	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R222	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R223	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R224	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R225	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R226	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R228	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R229	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R230	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R231	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R232	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R233	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R234	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R235	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R236	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R237	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R238	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R239	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R240	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R241	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R242	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R243	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R244	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R245	1-218-738-11	s	METAL, CHIP 82K 0.5% 1/16W (1608)
R246	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R247	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R248	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R249	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R250	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R251	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R252	1-216-855-11	s	METAL, CHIP 680K 5% 1/16W (1608)
R253	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R254	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R255	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R256	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R257	1-218-713-11	s	METAL, CHIP 7.5K 0.5% 1/16W (1608)
R258	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R259	1-218-719-11	s	METAL, CHIP 13K 0.5% 1/16W (1608)
R260	1-216-864-11	s	METAL, CHIP 0 (1608)
R261	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R262	1-216-864-11	s	METAL, CHIP 0 (1608)
R263	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R264	1-216-864-11	s	METAL, CHIP 0 (1608)
R265	1-216-864-11	s	METAL, CHIP 0 (1608)
R266	1-216-864-11	s	METAL, CHIP 0 (1608)
R267	1-216-864-11	s	METAL, CHIP 0 (1608)
R268	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R269	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R270	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R271	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R272	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R273	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R274	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R275	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R276	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R277	1-216-864-11	s	METAL, CHIP 0 (1608)
R278	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R279	1-216-864-11	s	METAL, CHIP 0 (1608)
R280	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R281	1-216-864-11	s	METAL, CHIP 0 (1608)
R282	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R283	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R284	1-218-703-11	s	METAL, CHIP 3.0K 0.5% 1/16W (1608)
R285	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R286	1-218-748-11	s	METAL, CHIP 220K 0.5% 1/16W (1608)
R287	1-216-864-11	s	METAL, CHIP 0 (1608)
R288	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R289	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R290	1-218-719-11	s	METAL, CHIP 13K 0.5% 1/16W (1608)
R291	1-218-724-11	s	METAL, CHIP 22K 0.5% 1/16W (1608)
R292	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R293	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R294	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R295	1-216-864-11	s	METAL, CHIP 0 (1608)
R296	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R297	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R300	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R302	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R303	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R304	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R305	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R306	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R307	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R308	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R309	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R310	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R311	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R312	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R313	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R314	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R315	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R316	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R317	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R318	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R319	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R320	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R321	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R322	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R323	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R324	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R325	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R326	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R327	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R328	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R329	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R330	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R331	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R332	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R333	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R334	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R336	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R337	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R338	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R339	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R340	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R341	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R342	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R343	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R344	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R345	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R347	1-216-864-11	s	METAL, CHIP 0 (1608)
R348	1-216-864-11	s	METAL, CHIP 0 (1608)
R349	1-216-864-11	s	METAL, CHIP 0 (1608)
R350	1-216-864-11	s	METAL, CHIP 0 (1608)
R351	1-216-864-11	s	METAL, CHIP 0 (1608)
R352	1-216-864-11	s	METAL, CHIP 0 (1608)
R353	1-216-864-11	s	METAL, CHIP 0 (1608)
R354	1-216-864-11	s	METAL, CHIP 0 (1608)
R355	1-216-864-11	s	METAL, CHIP 0 (1608)
R356	1-216-864-11	s	METAL, CHIP 0 (1608)
R357	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R358	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R359	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R360	1-218-660-11	*1	METAL, CHIP 47 0.5% 1/16W (1608)
R361	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)

(TG-191 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R362	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R363	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R364	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R365	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R366	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R367 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R368 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R369 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R370 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R371 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R372 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R373	1-216-864-11	s	METAL, CHIP 0 (1608)
R374 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R375 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R376 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R377	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R378 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R379 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R381 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R382 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R383 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R384 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R385 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R386 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R389 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R390 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R391 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R392 *1	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R393	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R394	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R395	1-216-864-11	s	METAL, CHIP 0 (1608)
R396	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R397	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R398	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R399	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R400	1-216-864-11	s	METAL, CHIP 0 (1608)
R401	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R402	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R409	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R410	1-216-864-11	s	METAL, CHIP 0 (1608)
R411	1-216-864-11	s	METAL, CHIP 0 (1608)
R414	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R415	1-216-864-11	s	METAL, CHIP 0 (1608)
R416	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R420	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R421	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R422	1-216-864-11	s	METAL, CHIP 0 (1608)
R423	1-216-864-11	s	METAL, CHIP 0 (1608)
R424	1-216-864-11	s	METAL, CHIP 0 (1608)
R425	1-216-864-11	s	METAL, CHIP 0 (1608)
R426	1-216-864-11	s	METAL, CHIP 0 (1608)
R427	1-216-864-11	s	METAL, CHIP 0 (1608)
R428	1-216-864-11	s	METAL, CHIP 0 (1608)
RB1 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB2 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB3 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB4 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB5 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
RB6 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB7 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB8 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB9 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB10 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB11 *2	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB101 *2	1-233-270-11	s	RES, NETWORK, CHIP 10Kx8 (4021)
*1	1-239-306-11	s	RES, NETWORK, CHIP 10Kx8 (6432)
RB400	1-239-416-11	s	RES, NETWORK, CHIP 220x4 (3216)
RB401 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB402 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB403 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB404 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB405 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB406 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB407	1-239-416-11	s	RES, NETWORK, CHIP 220x4 (3216)
RB408	1-236-908-11	s	RES, NETWORK, CHIP 10Kx4 (3216)
RB409 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB410 *2	1-233-665-11	s	RES, NETWORK, CHIP 47Kx8 (4021)
*1	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)

VPR-59 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-766-A	o	MOUNTED CIRCUIT BOARD, VPR-59
2pcs	3-603-737-01	o	LEVER, BOARD
5pcs	3-729-061-01	s	SCREW (M2x4.5) (TYPE 1)
C1	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C2	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C3	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C4	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C5	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C6	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C7	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C8	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C9	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C10	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C11	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V (3528)
C12	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C13	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C14	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C15	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C16	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C17	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C19	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C20	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C21	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C23	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C24	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C25	1-162-919-11	s	CERAMIC, CHIP 22pF 5% 50V (1608)
C26	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C27	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C28	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C29	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C30	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C31	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C34	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C35	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C36	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C37	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C38	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C39	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C40	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C41	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C42	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C43	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C44	1-125-891-11	s	CERAMIC, CHIP 0.47uF 10% 10V (1608)
C45	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C46	1-104-913-11	s	TANTALUM, CHIP 10uF 20% 16V (3528)
C47	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C200	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C201	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C202	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C203	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C204	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C205	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C206	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C207	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C208	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C209	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C210	1-104-915-11	s	TANTALUM, CHIP 2.2uF 20% 20V (3216)
C211	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C212	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C213	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C214	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C215	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C216	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C217	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)
C218	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C219	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C220	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C221	1-107-854-11	s	TANTALUM, CHIP 68uF 20% 6.3V (5833)
C222	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C223	1-107-854-11	s	TANTALUM, CHIP 68uF 20% 6.3V (5833)
C224	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C225	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C226	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C227	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C228	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C229	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C230	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C231	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C232	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C233	1-115-170-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C234	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C235	1-115-170-11	s	TANTALUM, CHIP 4.7uF 20% 10V (3216)
C236	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C300	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C301	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C302	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C303	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C304	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C305	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C306	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C307	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C308	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C309	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C310	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C311	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C312	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C313	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C314	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C315	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C316	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C317	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C318	1-162-958-11	s	CERAMIC, CHIP 270pF 5% 50V (1608)
C319	1-117-373-11	s	TANTALUM, CHIP 150uF 20% 6.3V(7343)
C320	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C321	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C322	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C323	1-162-914-11	s	CERAMIC, CHIP 9pF 50V (1608)
C324	1-163-145-00	s	CERAMIC, CHIP 1500pF 5% 50V (2012)
C325	1-164-218-11	s	CERAMIC, CHIP 180pF 5% 50V (1608)
C326	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C327	1-162-908-11	s	CERAMIC, CHIP 3pF 50V (1608)
C328	1-107-686-11	s	TANTALUM, CHIP 4.7uF 20% 16V (3216)
C329	1-135-177-21	s	TANTALUM, CHIP 1.0uF 10% 25V (3216)
C330	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C331	1-162-910-11	s	CERAMIC, CHIP 5pF 50V (1608)
C332	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C333	1-162-923-11	s	CERAMIC, CHIP 47pF 5% 50V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C334	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C335	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C336	1-162-915-11	s	CERAMIC, CHIP 10pF 50V (1608)
C337	1-162-916-11	s	CERAMIC, CHIP 12pF 5% 50V (1608)
C338	1-162-917-11	s	CERAMIC, CHIP 15pF 5% 50V (1608)
C339	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C340	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C341	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C342	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C343	1-104-823-11	s	TANTALUM, CHIP 47uF 20% 16V (5846)
C344	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C400	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C401	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C402	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C403	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C404	1-117-229-11	s	TANTALUM, CHIP 10uF 20% 10V (3528)
C407	1-115-169-11	s	TANTALUM, CHIP 10uF 20% 6.3V (3216)
C408	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C409	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C410	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C411	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C417	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C418	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C419	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C420	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C421	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C422	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C423	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
C424	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V (1608)
C425	1-107-826-11	s	CERAMIC, CHIP 0.1uF 10% 16V (1608)
CN92	1-695-453-11	s	CONNECTOR, B-B 50P, MALE
CP200	1-760-263-11	s	VCO, CRYSTAL 35.468950 MHz
CP202	1-760-277-11	s	VCO, CRYSTAL 28.636360 MHz
D200	8-719-404-35	s	DIODE MA141WK
D300	8-719-023-69	s	DIODE SB007T03Q
FB200	1-543-309-21	s	BEAD, FERRITE
FB201	1-543-309-21	s	BEAD, FERRITE
FB202	1-543-309-21	s	BEAD, FERRITE
FB203	1-543-309-21	s	BEAD, FERRITE
FL1	1-233-706-11	s	FILTER, LOW-PASS
FL2	1-233-706-11	s	FILTER, LOW-PASS
FL3	1-233-707-11	s	FILTER, LOW-PASS
FL300	1-239-721-11	s	FILTER, LOW-PASS
FL400	1-117-193-11	s	CERAMIC, CHIP 1.5uF 50V 6A (5057)
FL401	1-117-193-11	s	CERAMIC, CHIP 1.5uF 50V 6A (5057)
IC1	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC2	8-759-524-52	s	IC TC74VHC574FT(EL)
IC3	8-759-524-52	s	IC TC74VHC574FT(EL)
IC4	8-759-524-52	s	IC TC74VHC574FT(EL)
IC5	8-759-179-75	s	IC CXD8845Q
IC6	8-759-524-52	s	IC TC74VHC574FT(EL)
IC7	8-752-359-55	s	IC CXK48324R
IC8	8-752-359-55	s	IC CXK48324R
IC9	8-759-523-95	s	IC TC74VHC74FT(EL)
IC10	8-752-338-46	s	IC CXD1178Q
IC11	8-759-491-46	s	IC TC74VHCT04AFT

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Ref. No. or Q'ty	Part No.	SP	Description
IC12	8-759-524-17	s	IC TC74VHC161FT(EL)
IC13	8-759-491-46	s	IC TC74VHCT04AFT
IC14	8-759-523-96	s	IC TC74VHC86FT(EL)
IC15	8-759-523-78	s	IC TC74VHC00FT(EL)
IC16	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC17	8-759-523-95	s	IC TC74VHC74FT(EL)
IC18	8-759-251-40	s	IC MB88E346PFV-G-BND-ER
IC19	8-759-523-95	s	IC TC74VHC74FT(EL)
IC20	8-759-431-92	s	IC AV9173-15CS08T
IC21	8-759-524-19	s	IC TC74VHC164FT(EL)
IC22	8-752-377-13	s	IC CXD2428Q
IC23	8-759-035-93	s	IC SC7S32F
IC24	8-759-524-18	s	IC TC74VHC163FT(EL)
IC25	8-759-242-64	s	IC TC4W53F
IC26	8-729-045-28	s	TRANSISTOR SI4532DY
IC200	8-759-247-03	s	IC CXD8810BQ
IC201	8-759-271-86	s	IC TC7SH04FU
IC202	8-759-083-94	s	IC TC7W74FU
IC203	8-759-454-75	s	IC CXD9008Q
IC204	8-759-907-81	s	IC SN74LS221NS
IC205	8-759-491-46	s	IC TC74VHCT04AFT
IC206	8-759-524-10	s	IC TC74VHC157FT(EL)
IC207	8-759-295-09	s	IC TLC2932IPW
IC208	8-759-082-55	s	IC TC7W00FU
IC209	8-759-234-77	s	IC TC4S66F
IC210	8-759-030-16	s	IC MC34182M
IC211	8-729-040-75	s	TRANSISTOR SI4953DY
IC212	8-759-389-31	s	IC 74LCX125MTC
IC213	8-759-524-52	s	IC TC74VHC574FT(EL)
IC214	8-759-524-52	s	IC TC74VHC574FT(EL)
IC215	8-759-477-86	s	IC UPD485506G5-25-7JF
IC300	8-759-710-88	s	IC NJM431U
IC301	8-752-357-62	s	IC CXD2307R
IC302	8-759-030-16	s	IC MC34182M
IC303	8-759-271-04	s	IC LT1252CS8
IC304	8-759-082-61	s	IC TC4W53FU
IC305	8-759-082-58	s	IC TC7W08FU
IC306	8-752-052-77	s	IC CXA1450M
IC307	8-759-392-64	s	IC AD828AR
IC400	8-759-386-25	s	IC 74LCX245MTC
IC401	8-759-524-50	s	IC TC74VHC541FT(EL)
IC402	8-759-524-28	s	IC TC74VHC245FT(EL)
IC403	8-759-524-50	s	IC TC74VHC541FT(EL)
IC404	8-759-524-50	s	IC TC74VHC541FT(EL)
IC405	8-759-277-63	s	IC TC7W14FU
IC406	8-759-491-46	s	IC TC74VHCT04AFT
IC407	8-759-391-30	s	IC 74LVX3245QSC
IC408	8-759-391-30	s	IC 74LVX3245QSC
IC409	8-759-491-46	s	IC TC74VHCT04AFT
IC410	8-759-154-60	s	IC UPD71055GB-10-3B4
IC411	8-759-082-55	s	IC TC7W00FU
L2	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L3	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L4	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L5	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L6	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L7	1-414-392-21	s	INDUCTOR, CHIP 1.0uH (3225)
L200	1-410-393-11	s	INDUCTOR, CHIP 100uH (3225)

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Ref. No. or Q'ty	Part No.	SP	Description
L300	1-410-737-31	s	INDUCTOR, CHIP 0.47uH (3225)
L301	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L302	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L303	1-412-166-11	s	INDUCTOR, CHIP 0.18uH (3225)
L304	1-412-143-11	s	INDUCTOR, CHIP 39uH (3225)
L305	1-410-387-11	s	INDUCTOR, CHIP 33uH (3225)
L401	1-410-381-11	s	INDUCTOR, CHIP 10uH (3225)
L402	1-409-647-11	s	COIL, CHOKE 22uH
Q1	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q2	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q3	8-729-029-14	s	TRANSISTOR DTC144EUA
Q4	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q5	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q6	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q7	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q10	8-729-028-91	s	TRANSISTOR DTA144EUA
Q11	8-729-029-14	s	TRANSISTOR DTC144EUA
Q12	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q200	8-729-029-14	s	TRANSISTOR DTC144EUA
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA
Q300	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32	s	TRANSISTOR 2SC4177-L6
Q303	8-729-117-32	s	TRANSISTOR 2SC4177-L6
R2	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R8	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R19	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R21	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R22	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R23	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R24	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R25	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R26	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R27	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R28	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R29	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R30	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R31	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R32	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R33	1-216-864-11	s	METAL, CHIP 0 (1608)
R34	1-216-864-11	s	METAL, CHIP 0 (1608)
R36	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R38	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R39	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R40	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R41	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R42	1-216-864-11	s	METAL, CHIP 0 (1608)
R43	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R44	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R45	1-218-656-11	s	METAL, CHIP 33 0.5% 1/16W (1608)
R46	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R47	1-218-656-11	s	METAL, CHIP 33 0.5% 1/16W (1608)
R48	1-218-656-11	s	METAL, CHIP 33 0.5% 1/16W (1608)
R49	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R50	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R51	1-218-688-11	s	METAL, CHIP 680 0.5% 1/16W (1608)
R52	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R53	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R54	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R55	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R56	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R57	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R58	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R59	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R63	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R64	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R65	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R66	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R67	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R68	1-218-698-11	s	METAL, CHIP 1.8K 0.5% 1/16W (1608)
R70	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R71	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R72	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R73	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R74	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R75	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R76	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R77	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R78	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R79	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R80	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R81	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R82	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R83	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R85	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R86	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R87	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R88	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R89	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R90	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R91	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R92	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R93	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R94	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R95	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R96	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R97	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R99	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R101	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R102	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R103	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R104	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R105	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R106	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R107	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R110	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R111	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R112	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R113	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R114	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R200	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R201	1-216-864-11	s	METAL, CHIP 0 (1608)
R202	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R203	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R204	1-216-864-11	s	METAL, CHIP 0 (1608)
R205	1-216-864-11	s	METAL, CHIP 0 (1608)
R208	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R209	1-216-864-11	s	METAL, CHIP 0 (1608)
R211	1-218-726-11	s	METAL, CHIP 27K 0.5% 1/16W (1608)
R212	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R213	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R214	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R215	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R216	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R217	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R219	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R220	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R221	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R222	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R223	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R224	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R225	1-216-857-11	s	METAL, CHIP 1.0M 5% 1/16W (1608)
R226	1-218-732-11	s	METAL, CHIP 47K 0.5% 1/16W (1608)
R227	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R228	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R229	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R230	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R231	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R232	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R233	1-216-864-11	s	METAL, CHIP 0 (1608)
R234	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R235	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R236	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R237	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R238	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R239	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R240	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R241	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R242	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R243	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R244	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R245	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R246	1-216-864-11	s	METAL, CHIP 0 (1608)
R300	1-218-686-11	s	METAL, CHIP 560 0.5% 1/16W (1608)
R301	1-218-706-11	s	METAL, CHIP 3.9K 0.5% 1/16W (1608)
R302	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R303	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R305	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R306	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R308	1-216-864-11	s	METAL, CHIP 0 (1608)
R309	1-218-718-11	s	METAL, CHIP 12K 0.5% 1/16W (1608)
R310	1-218-728-11	s	METAL, CHIP 33K 0.5% 1/16W (1608)
R311	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R312	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R313	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R314	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R315	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R316	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R317	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R318	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R319	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R320	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R321	1-218-720-11	s	METAL, CHIP 15K 0.5% 1/16W (1608)
R322	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R323	1-218-676-11	s	METAL, CHIP 220 0.5% 1/16W (1608)
R324	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R325	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R326	1-218-650-11	s	METAL, CHIP 18 0.5% 1/16W (1608)
R327	1-218-666-11	s	METAL, CHIP 82 0.5% 1/16W (1608)
R328	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R329	1-218-697-11	s	METAL, CHIP 1.6K 0.5% 1/16W (1608)
R330	1-218-672-11	s	METAL, CHIP 150 0.5% 1/16W (1608)
R331	1-218-708-11	s	METAL, CHIP 4.7K 0.5% 1/16W (1608)
R332	1-216-863-11	s	METAL, CHIP 3.3M 5% 1/16W (1608)
R333	1-218-730-11	s	METAL, CHIP 39K 0.5% 1/16W (1608)
R334	1-218-701-11	s	METAL, CHIP 2.4K 0.5% 1/16W (1608)
R335	1-218-712-11	s	METAL, CHIP 6.8K 0.5% 1/16W (1608)
R336	1-218-695-11	s	METAL, CHIP 1.3K 0.5% 1/16W (1608)
R337	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R338	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R339	1-218-694-11	s	METAL, CHIP 1.2K 0.5% 1/16W (1608)
R340	1-218-660-11	s	METAL, CHIP 47 0.5% 1/16W (1608)
R341	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R342	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R343	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R344	1-218-702-11	s	METAL, CHIP 2.7K 0.5% 1/16W (1608)
R345	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R346	1-218-704-11	s	METAL, CHIP 3.3K 0.5% 1/16W (1608)
R347	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R348	1-218-700-11	s	METAL, CHIP 2.2K 0.5% 1/16W (1608)
R349	1-218-692-11	s	METAL, CHIP 1.0K 0.5% 1/16W (1608)
R350	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R351	1-218-652-11	s	METAL, CHIP 22 0.5% 1/16W (1608)
R352	1-218-664-11	s	METAL, CHIP 68 0.5% 1/16W (1608)
R353	1-218-664-11	s	METAL, CHIP 68 0.5% 1/16W (1608)
R354	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R355	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R356	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R357	1-216-864-11	s	METAL, CHIP 0 (1608)
R359	1-218-684-11	s	METAL, CHIP 470 0.5% 1/16W (1608)
R400	1-218-716-11	s	METAL, CHIP 10K 0.5% 1/16W (1608)
R401	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R402	1-216-864-11	s	METAL, CHIP 0 (1608)
R403	1-218-740-11	s	METAL, CHIP 100K 0.5% 1/16W (1608)
R404	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R405	1-218-644-11	s	METAL, CHIP 10 0.5% 1/16W (1608)
R410	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R411	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R412	1-218-668-11	s	METAL, CHIP 100 0.5% 1/16W (1608)
R413	1-216-864-11	s	METAL, CHIP 0 (1608)
R414	1-216-864-11	s	METAL, CHIP 0 (1608)
R415	1-216-864-11	s	METAL, CHIP 0 (1608)
R416	1-216-864-11	s	METAL, CHIP 0 (1608)
R417	1-216-864-11	s	METAL, CHIP 0 (1608)
RB3	1-239-390-11	s	RES, NETWORK, CHIP 33x4 (3216)
RB4	1-239-390-11	s	RES, NETWORK, CHIP 33x4 (3216)
RB5	1-239-390-11	s	RES, NETWORK, CHIP 33x4 (3216)
RB6	1-239-390-11	s	RES, NETWORK, CHIP 33x4 (3216)
RB200	1-239-409-11	s	RES, NETWORK, CHIP 47x4 (3216)
RB201	1-239-955-11	s	FERRITE ARRAY, CHIP
RB202	1-239-955-11	s	FERRITE ARRAY, CHIP
RB203	1-239-955-11	s	FERRITE ARRAY, CHIP
RB204	1-239-955-11	s	FERRITE ARRAY, CHIP
RB205	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)

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Ref. No. or Q'ty	Part No.	SP	Description
RB206	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB207	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB208	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB209	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB210	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB211	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB212	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB213	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB214	1-239-711-11	s	RES, NETWORK, CHIP 0x4 (3216)
RB400	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB401	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB402	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB403	1-236-908-11	s	RES, NETWORK, CHIP 10Kx4 (3216)
RB404	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB405	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB406	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB407	1-239-309-11	s	RES, NETWORK, CHIP 100Kx8 (6432)
RB408	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB409	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB410	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB411	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)
RB412	1-233-936-11	s	RES, NETWORK, CHIP 10x4 (3216)

1-4. Supplied Accessories List

Q'ty	Part No.	SP	Description
1pc	A-6772-374-B	s	BELT ASSY, SHOULDER
11pcs	3-604-795-01	s	CAP,BNC
2pcs	3-609-573-02	s	CAP,DC OUT
2pcs	3-613-703-01	o	CAP,XLR(F)
5pcs	3-613-704-01	o	CAP,XLR(M)
1pc	3-673-948-11	o	CAP,DUST

1-5. Fixtures List

Part No.	SP	Description
A-8321-000-A	o	EXTENSION BOARD (EX-706)
A-8322-417-A	o	CN-1935 MOUNTED CIRCUIT BOARD
J-6035-070-A	o	EXTRUCTION TOOL (for PLCC socket)
J-6080-840-A	s	INSPECTION MIRROR
J-6252-520-A	o	TORQUE SCREWDRIVER (12 kgf•cm) (1.2 N•m)
J-6325-400-A	o	TORQUE SCREWDRIVER (3 kgf•cm)
J-6325-110-A	o	TORQUE SCREWDRIVER'S BIT (l = 75 mm)
J-6325-380-A	o	TORQUE SCREWDRIVER'S BIT (l = 162 mm)
J-6322-420-A	o	TAPE GUIDE ADJUSTMENT DRIVER (45)
J-6323-530-A	o	STOP WASHER FASTENING TOOL
J-6323-890-A	o	TORQUE CASSETTE (FWD BACK TEN.)
J-6324-150-A	o	REEL TABLE HEIGHT ADJUSTMENT TOOL
J-6326-120-A	o	HEXAGONAL BIT (d = 1.5 mm, l = 85 mm)
J-6332-240-A	o	VISC PHASE ADJUSTING TOOL
J-6530-380-A	o	CONVERSION CABLE, 6P-9P
J-7032-610-B	o	CASSETTE REFERENCE PLATE
1-958-196-14	o	EXTENSION HARNESS, SR66-EQ3
1-959-894-11	o	EXTENSION HARNESS, DR1
1-959-895-11	o	EXTENSION HARNESS, DR2
3-184-527-01	s	CLEANING CLOTH (15 cm x 15 cm)
3-649-266-01	s	PARALLEL PIN (d = 1.6 mm)
3-703-358-04	o	PARALLEL PIN (d = 2.0 mm)
7-432-114-11	o	SCREW LOCKING COMPOUND (200 g)
7-651-000-10	s	SONY GREASE SGL-601 (50 g)
7-651-000-11	s	SONY GREASE SGL-801 (50 g)
7-651-000-59	o	SONY GREASE PG-662 (20 g)
7-661-018-18	s	DIAMOND OIL NT-68 (50 ml)
7-700-751-01	s	BOX DRIVER (d = 4.5 mm)
8-960-096-01	o	ALIGNMENT TAPE, CR2-1B
8-960-096-41	o	ALIGNMENT TAPE, CR5-1B
8-960-097-44	o	ALIGNMENT TAPE, CR5-2 (OXIDE)
8-960-097-45	o	ALIGNMENT TAPE, CR8-1 (OXIDE)
9-919-573-01	s	CLEANING LIQUID
A-8319-485-A	o	IC MEMORY CARD BOX, CDS-20 ASSEMBLY
1-772-003-11	o	CARD (2 MB), MEMORY
1-772-004-11	o	CARD (4 MB), MEMORY

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Section 2
Semiconductor Pin Assignments

The semiconductors in the manual are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.
In some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.
Pin assignments and block diagrams are based on the IC manufacturer's data book.

ここに記載されている半導体は，それぞれの機能を等価的に表わしたものです。
外観やインデックスマークの表示方法が実物と異なる場合があります。
なお，互換性のない型名を併記している場合がありますので，部品を交換するときは，Spare Partsの章を参照してください。
ピン配置およびブロック図はICメーカーのデータブックに従いました。

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TC74VHC221AFT(EL)	2-82
TC74VHC244FT(EL)	2-7
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TC7SH08FU-TE85R	2-79
TC7SH32FU-TE85R	2-76
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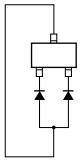
DIODE

—TOP VIEW—



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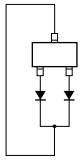
1SS300-TE85L
DAP202U
DAP202UT106

—TOP VIEW—



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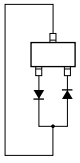
1SS184
1SS301-TE85L
DAN202U
DAN202UT106
MA141WK
MA721WK-(TX)

—TOP VIEW—



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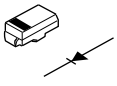
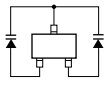
DA204UT106
SB007T03Q
SB007T03Q-TL



EC10QS-04
EC10QS-06
EC10QS-06-TE12L
EC10QS04-TE12L5
RB051L-40
RB051L-40TE25

—TOP VIEW—



KV1460TL00

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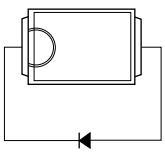
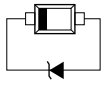


MBRS130LT3

—TOP VIEW—

RD10M-B2
RD10M-T1B2
RD15M-B1
RD15M-T1B
RD2.0M-T1B
RD2.0MB
RD2.4M-B
RD2.4M-T1B
RD5.1M-T1B
RD5.6M-B2
RD5.6M-T1B
RD6.8M-T1B
RD8.2M-B
RD8.2M-T1B
UZM5.1B

—TOP VIEW—



RD3.9UH-T1
RD4.3UH-T1

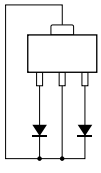
—TOP VIEW—

SB007-03CP
SB007-03CP-TB
SB01-05CP
SB01-05CP-TB

—TOP VIEW—

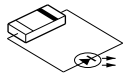
SB05-05CP
SB05-05CP-TB

—TOP VIEW—

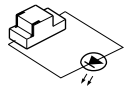


SB20-03P
SB20-03P-TD

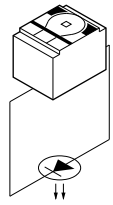
LED



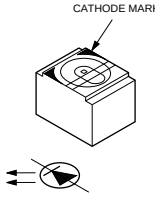
CL-150HR-CD-T
CL-150PG-CD
CL-150PG-CD-T
CL-150R-CD
CL-150R-CD-T
CL-150Y-CD
CL-150Y-CD-T



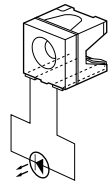
CL-170G-CD
CL-170G-CD-T



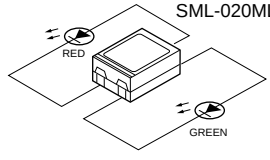
CL-200HR-C-TSL
CL-200HR-C-TUL



CL-200PG-C-TU



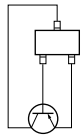
LYA676-Q



SML-020MLTT87

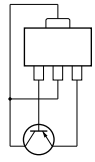
TRANSISTOR

—TOP VIEW—



2SA1162G
2SA1462
2SA1462-T1Y33Y34
2SA1610-T1Y33
2SA1610-Y33
2SA1611-M5M6
2SA1611T1-M5M6
2SA812-T1-M5M6
2SB624-BV345
2SB624T1-BV345

—TOP VIEW—



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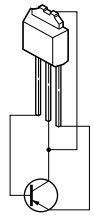
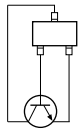
2SA1314C-TE12L
2SB1115A-T1YQYP
2SB1115A-YQ
2SB798-DL



2SB1202FAST
2SB1202FAT-TL

—TOP VIEW—



2SC1623
2SC1623-T1-L5L6
2SC2713-G
2SC2713G-TE85L
2SC3356-K
2SC3356-T1K
2SC3735-L-B35
2SC3735-T1B-B35
2SC4116-YG
2SC4116YG-TE85L
2SC4177-L6
2SC4177-T1L5L6
2SC4178-F13
2SC4178-F13F14-T1
2SC4178-F14
2SC4178-T1F13
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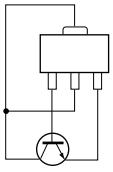
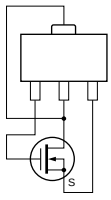
2SC4213-B
2SC4213-B-TE85L
2SD596DV345
2SD596T1-DV345

—TOP VIEW—



2SC2982C-TE12L
2SD1614-T1XL
2SD1615-T1GLGK
2SD1615A-GP
2SD1615A-T1GQGP
2SD1624-T
2SD1624-T-TD

—TOP VIEW—



2SK2315TY
2SK2315TYTR

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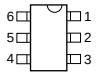

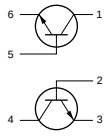

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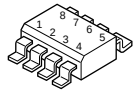
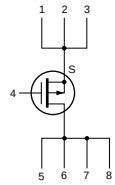
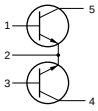
IMX1T110





SI4431DY-T1
SI4435DY-T1-REVA
SI9433DY-T1

—TOP VIEW—



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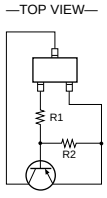
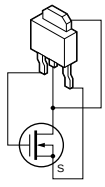


DTA114EUA
(R1=10k,R2=10k)
DTA114EUA-T106
DTA144EKA-T146
(R1=47k,R2=47k)
DTA144EUA-T106
(R1=47k,R2=47k)



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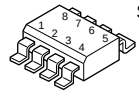
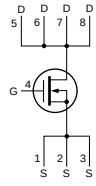
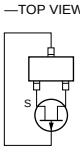
MTD20N03HDL-T4
MTD20N06HDLT4





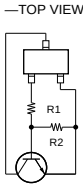
SI4466DY-T1

—TOP VIEW—



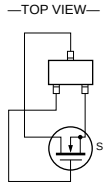
2SJ106-Y
2SJ106Y-TE85L

—TOP VIEW—

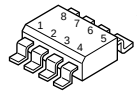


DTC113ZUA-T106
(R1=1k,R2=10k)
DTC114TKA-T146
(R1=10k,R2=OPEN)
DTC144EKA
(R1=47k,R2=47k)
DTC144EKA-T146
DTC144EUA-T106
(R1=47k,R2=47k)

—TOP VIEW—

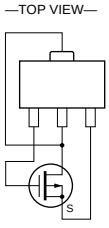


NDS355AN



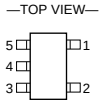
SI4532DY-T1

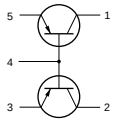
—TOP VIEW—



2SJ187
2SJ187-TD

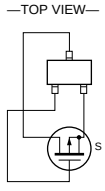
—TOP VIEW—



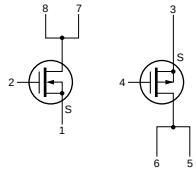


FMS2
FMS2-T-148

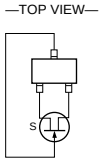
—TOP VIEW—



NDS356AP

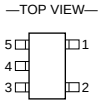


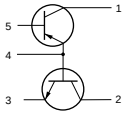
—TOP VIEW—



2SK208-Y
2SK208Y-TE85L
2SK711-BL
2SK711-BL/V-TE85L
2SK852-T1X2
2SK852-X2
2SK94-T1X2X3X4
2SK94-X2X3X4
2SK94-X3

—TOP VIEW—

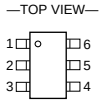


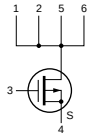


FMY3
FMY3-T-148

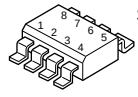
TC005-17
IL08

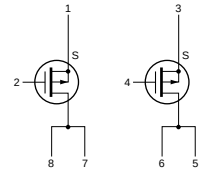
—TOP VIEW—





SI3443DV-T1

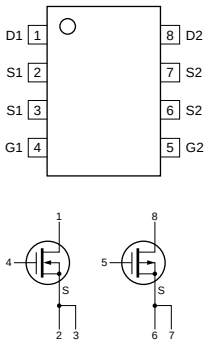




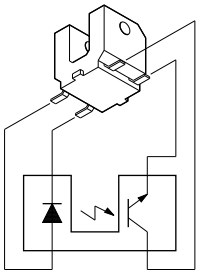
SI4953DY-T1

OTHERS

—TOP VIEW—



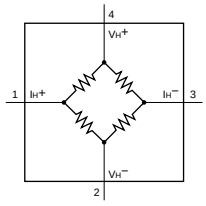
SI6542DQ-T1
SI6542DQ-TL



GP1S33

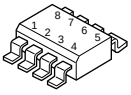
THS117
THS117-TE85L

Holl Element
—Equivalent Circuit—

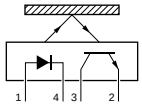


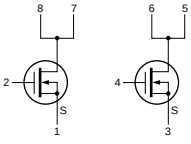
—TOP VIEW—

GP2S09-C

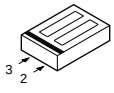


SI9925DY-T1
SI9936DY
SI9936DY-T1

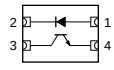


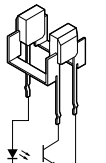


—BOTTOM VIEW—

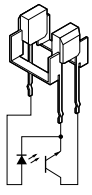


PR-11-C
PR-11-C-T





SPI-235-18

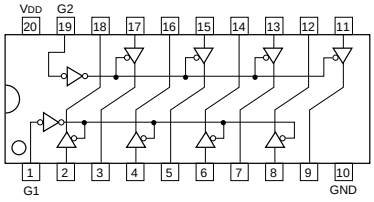


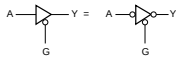
SPI-238-18

IC

74ACT244SJ (NS)
74ACT244SJX
SN74HC244APW-E05 (TI)
SN74HCT244APW-E05 (TI)
TC74VHC244FT(EL) (TOSHIBA)
TC74VHCT244AFT(EL) (TOSHIBA)

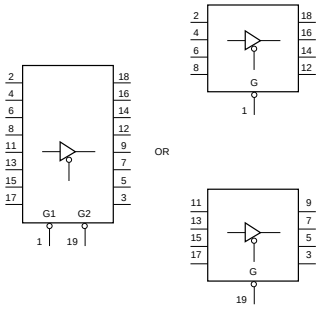
BUS BUFFER WITH 3-STATE OUTPUTS
—TOP VIEW—





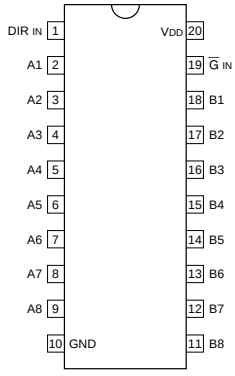
G	A	Y
0	0	0
0	1	1
1	×	HI-Z

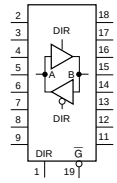
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE



74LCX245MTCX (NS)
SN74HCT245APW-E05 (TI)
TC74VHC245FT(EL) (TOSHIBA)
TC74VHCT245AFT(EL) (TOSHIBA)

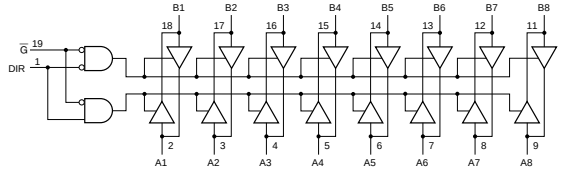
OCTAL BUS TRANSCEIVER WITH 3-STATE OUTPUTS
—TOP VIEW—





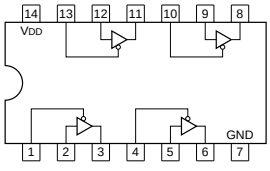
G	DIR	OPERATION
0	0	B to A
0	1	A to B
1	×	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE



74LCX125MTCX (NS)
SN74HC125APW-E05 (TI)
TC74VHC125FT(EL) (TOSHIBA)

C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT
—TOP VIEW—

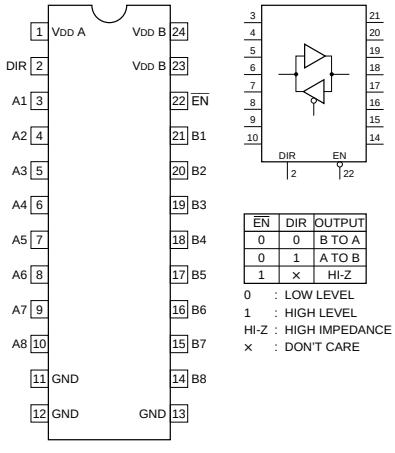


G	A	Y
0	0	0
0	1	1
1	×	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE

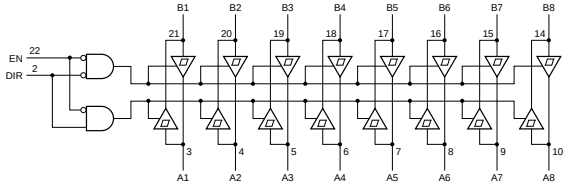
74LVX3245QSCX (NS)
74LVX4245QSCX (NS)

C-MOS 8-BIT DUAL SUPPLY VOLTAGE TRANSLATING TRANSCEIVER
—TOP VIEW—



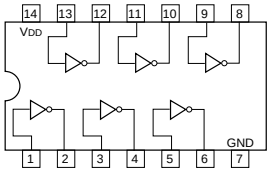
EN	DIR	OUTPUT
0	0	B TO A
0	1	A TO B
1	×	HI-Z

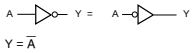
0 : LOW LEVEL
1 : HIGH LEVEL
HI-Z : HIGH IMPEDANCE
× : DON'T CARE



74VHCT04MTCX (NS)
TC74HCT04AF (TOSHIBA)
TC74HCT04AF(EL)
TC74VHC04FT(EL) (TOSHIBA)
TC74VHCT04AFT(EL) (TOSHIBA)

C-MOS HEX INVERTERS
—TOP VIEW—





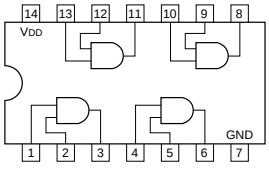
$Y = \overline{A}$

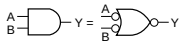
A	Y
0	1
1	0

0 : LOW LEVEL
1 : HIGH LEVEL

74VHCT08MTCX (NS)
SN74HC08APW-E05 (TI)
SN74HCT08APW-E05
SN74HCT08APW-E20 (TI)
TC74VHC08FT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT AND GATES
—TOP VIEW—





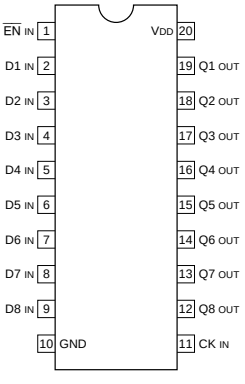
$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

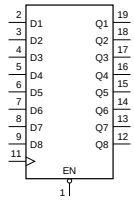
A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

74VHCT574MTCX (NS)
SN74HC574APW-E05
SN74HC574APW-E20 (TI)
TC74VHC574FT(EL) (TOSHIBA)

C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
—TOP VIEW—

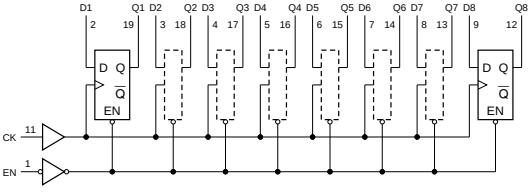




EACH FLIP-FLOP

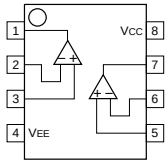
INPUTS			OUT
EN	CK	D	Q
0	↑	1	1
0	↑	0	0
0	↓	×	Q_0
1	×	×	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE
Q_0 : NONSTABLE



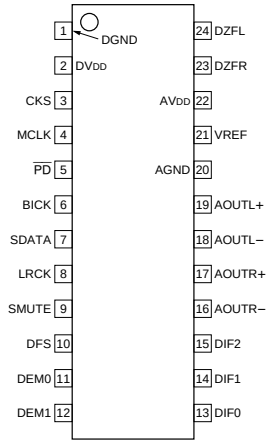
AD828AR (AD)
AD828AR-REEL
NJM2119M(TE1) (JRC)
NJM2904V(TE2) (JRC)
NJM3404AV (JRC)
NJM3404AV(TE2)
NJU7062M(TE2) (JRC)

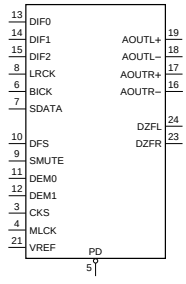
DUAL OPERATIONAL AMPLIFIERS
(SINGLE-SUPPLY TYPE)
—TOP VIEW—



AK4324-VF-E2 (ASAHI)

C-MOS 98 kHz SAMPLING 24-BIT △Σ D/A CONVERTER
—TOP VIEW—



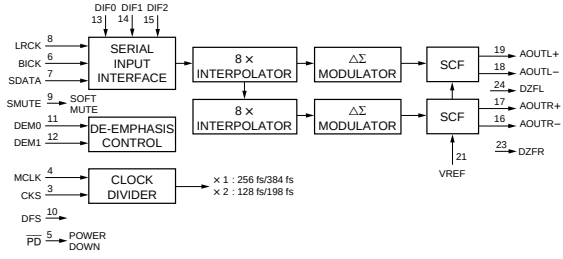


INPUT

BICK	:	AUDIO SERIAL DATA CLOCK
CKS	:	MASTER CLOCK SELECT
DEM0, DEM1	:	DE-EMPHASIS FREQUENCY SELECT
DFS	:	DOUBLE SPEED SAMPLING MODE
DIF0 - DIF2	:	DIGITAL INPUT FORMAT
LRCK	:	L/R CLOCK
MCLK	:	MASTER CLOCK
$\overline{PD}$	:	POWER DOWN MODE
SDATA	:	AUDIO SERIAL DATA
SMUTE	:	SOFT MUTE
VREF	:	VOLTAGE REFERENCE

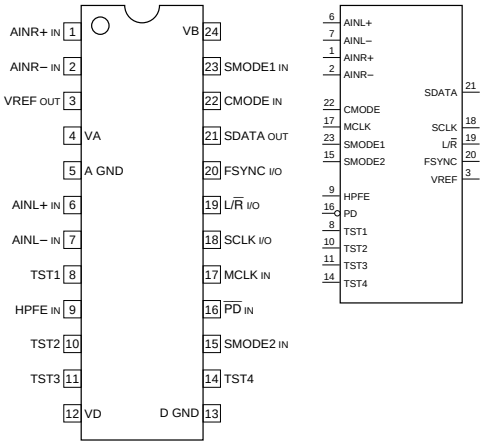
OUTPUT

AOUTL−	:	L CHANNEL NEGATIVE ANALOG SIGNAL
AOUTL+	:	L CHANNEL POSITIVE ANALOG SIGNAL
AOUTR−	:	R CHANNEL NEGATIVE ANALOG SIGNAL
AOUTR+	:	R CHANNEL POSITIVE ANALOG SIGNAL
DZFL	:	L CHANNEL ZERO INPUT DETECT
DZFR	:	R CHANNEL ZERO INPUT DETECT



AK5352-VF-E2 (ASAHI)

C-MOS 20-BIT A/D CONVERTER
—TOP VIEW—



INPUT

AINL+	:	CHANNEL L ANALOG POSITIVE INPUT
AINL–	:	CHANNEL L ANALOG NEGATIVE INPUT
AINR+	:	CHANNEL R ANALOG POSITIVE INPUT
AINR–	:	CHANNEL R ANALOG NEGATIVE INPUT
CMODE	:	MASTER CLOCK SELECT (L : MCLK = 256 fs) (H : MCLK = 384 fs)
HPFE	:	HIGH PASS FILTER ENABLE (L : OFF) (H : ON)
MCLK	:	MASTER CLOCK (CMODE = H : 384 fs) (CMODE = L : 256 fs)
$\overline{PD}$	:	POWER DOWN (L : POWER DOWN MODE)
SMODE1, SMODE2	:	INTERFACE CLOCK SELECT

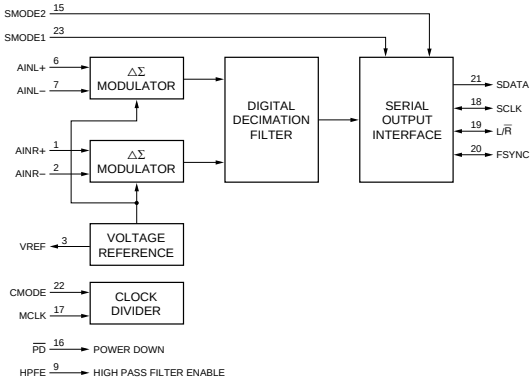
SMODE1	SMODE2	MODE	LRCK
L	L	SUB MODE	H/L
H	L	MASTER MODE	H/L
L	H	SUB MODE	L/H
H	H	MASTER MODE	L/H

OUTPUT

SDATA	:	SERIAL DATA
VREF	:	REFERENCE VOLTAGE

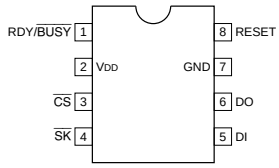
INPUT/OUTPUT

FSYNC	:	FRAME SYNC CLOCK
L/$\overline{R}$	:	INPUT CHANNEL SELECT (SUB MODE : fs CLK INPUT) (MASTER MODE : fs CLK OUTPUT)
SCLK	:	SERIAL DATA CLOCK (SUB MODE : 64 fs CLK INPUT) (MASTER MODE : 64 fs CLK OUTPUT)



AK6420AF-E2 (ASAHI)

C-MOS 2,048 (128 × 16)-BIT EEPROM
—TOP VIEW—

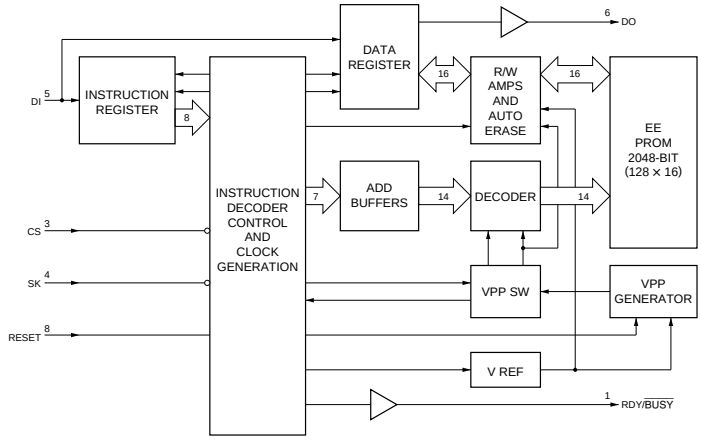


INPUT

$\overline{CS}$	:	CHIP SELECT
DI	:	DATA INPUT
RESET	:	RESET
$\overline{SK}$	:	SERIAL CLOCK

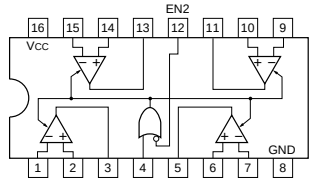
OUTPUT

DO	:	DATA OUTPUT
RDY/$\overline{BUSY}$	:	READY/BUSY



AM26LS32ACNS (TI)
AM26LS32ACNS-E05

HIGH SPEED DIFFERENTIAL LINE RECEIVER
—TOP VIEW—



FUNCTION TABLE

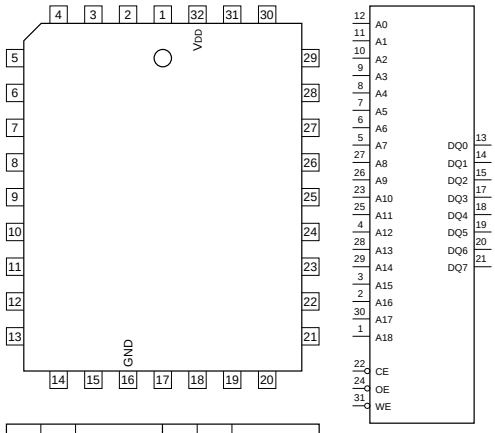
EN2	EN1	OUTPUT
0	0	ENABLE
0	1	ENABLE
1	0	HI-Z
1	1	ENABLE

0 : LOW LEVEL
1 : HIGH LEVEL
HI-Z : HIGH IMPEDANCE

	SENSE	INPUT VOLT
C32/LS32	±200mV	±7 V
LS33	±500mV	±15 V

AM29F040B-120JC (AMD)

C-MOS 4 M (524,288 × 8)-BIT FLASH MEMORY
—TOP VIEW—



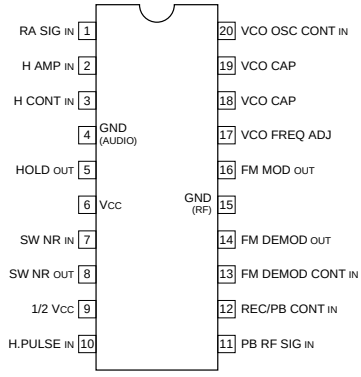
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	A18	17	I/O	DQ3
2	I	A16	18	I/O	DQ4
3	I	A15	19	I/O	DQ5
4	I	A12	20	I/O	DQ6
5	I	A7	21	I/O	DQ7
6	I	A6	22	I	$\overline{CE}$
7	I	A5	23	I	A10
8	I	A4	24	I	$\overline{OE}$
9	I	A3	25	I	A11
10	I	A2	26	I	A9
11	I	A1	27	I	A8
12	I	A0	28	I	A13
13	I/O	DQ0	29	I	A14
14	I/O	DQ1	30	I	A17
15	I/O	DQ2	31	I	$\overline{WE}$
16	—	GND	32	—	VDD

INPUT
A0 - A18 : ADDRESS INPUTS
$\overline{CE}$: CHIP ENABLE
$\overline{OE}$: OUTPUT ENABLE
$\overline{WE}$: WRITE ENABLE

INPUT/OUTPUT
DQ0 - DQ7 : DATA INPUT/OUTPUT

AN3922NS (MATSUSHITA)
AN3922NS-E2

VTR, FM AUDIO MODULATOR AND DEMODULATOR
—TOP VIEW—



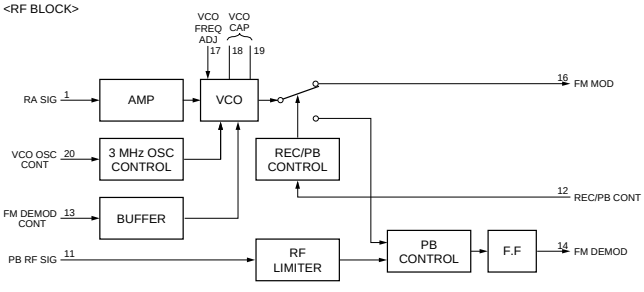
INPUT
FM DEMOD CONT : FM DEMODULATION CONTROL
H AMP : HOLD AMP
H CONT : HOLD CONTROL
H PULSE : HOLD PULSE
PB RF SIG : PB RF SIGNAL
RA SIG : REC AUDIO SIGNAL
REC/PB CONT : REC/PB CONTROL
VCO FREQ ADJ : VCO FREQUENCY ADJUSTMENT
VCO OSC CONT : VCO OSCILLATION CONTROL

OUTPUT
FM DEMOD : FM DEMODULATION
FM MOD : FM MODULATION

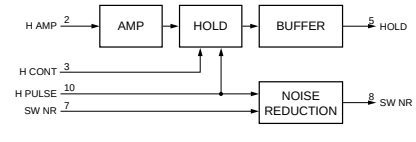
INPUT/OUTPUT
SW NR : SWITCH NOISE REDUCTION

OTHERS
VCO CAP : VCO CAPACITOR

<RF BLOCK>

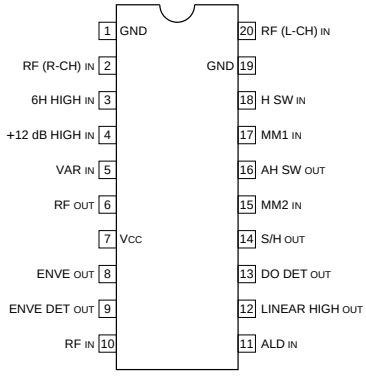


<AUDIO BLOCK>



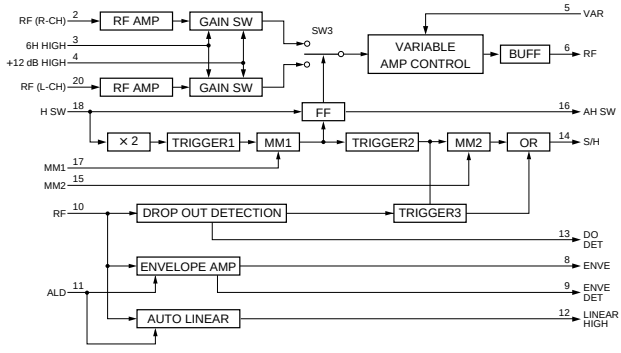
AN3920S (MATSUSHITA)
AN3920S-E2

VTR FM AUDIO RF AMP
—TOP VIEW—



INPUT
ALD : AUTO LINEAR DETECT
H SW : HOLD SWITCH
MM1, MM2 : MONO MULTI
VAR : VARIABLE AMP CONTROL

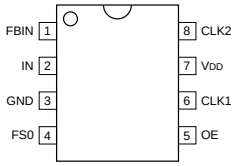
OUTPUT
AHSW : AUDIO HOLD SWITCH
DO DET : DROP OUT DETECT
ENVE : ENVELOPE
ENVE DET : ENVELOPE DETECTOR

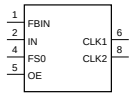


http://getMANUAL.com

AV9173-15CS08T (ICS)

CLOCK GENERATOR
—TOP VIEW—



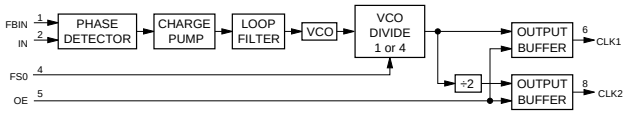


INPUTS

IN	:	INPUT FOR REFERENCE SYNC PULSE
FBIN	:	FEEDBACK
FS0	:	FREQUENCY SELECT 0
OE	:	OUTPUT ENABLE

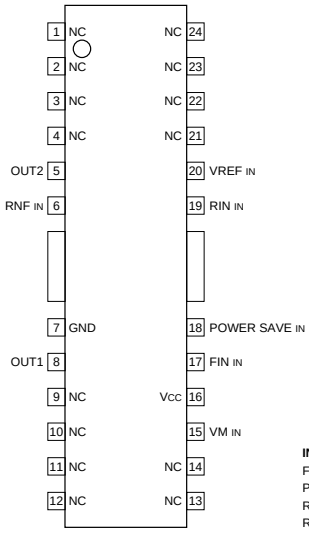
OUTPUTS

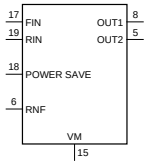
CLK1, CLK2	:	CLOCK 1, 2



BA6285FP-E2 (ROHM)

BIPOLA POSSIBLE REVERSE MOTOR DRIVER
—TOP VIEW—





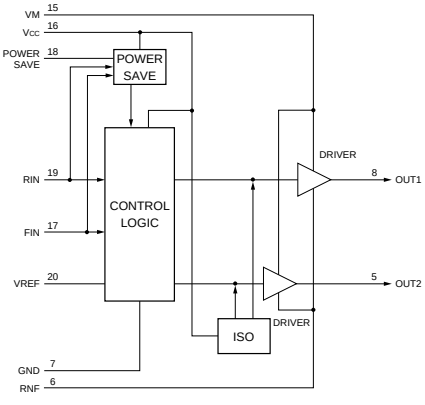
FIN	RIN	OUT2	OUT1	MODE
H	L	L	H	NORMAL MODE
L	H	H	L	REVERSE MODE
H	H	L	L	BRAKE MODE
L	L	OPEN	OPEN	STAND BY MODE

INPUT

FIN	:	MODE SELECTION
POWER SAVE	:	POWER SAVE SWITCH
RIN	:	MODE SELECTION
RNF	:	OUTPUT BLOCK GROUND OUTPUT CURRENT DETECTION RESISTOR CONNECTION
VREF	:	REFERENCE VOLTAGE SETTING
VM	:	POWER SUPPLY FOR MOTOR

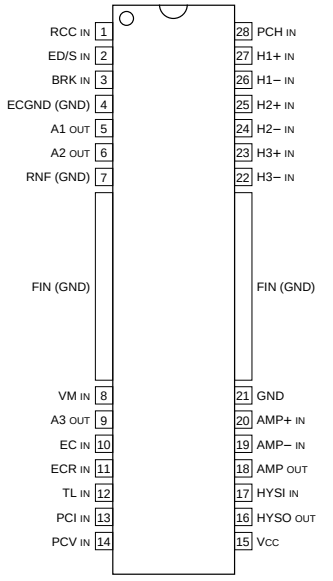
OUTPUT

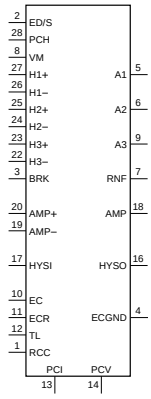
OUT1, OUT2	:	MOTOR DRIVE SIGNAL



BA6444FP (ROHM)
BA6444FP-E2

THREE-PHASE MOTOR DRIVER
—TOP VIEW—





INPUTS

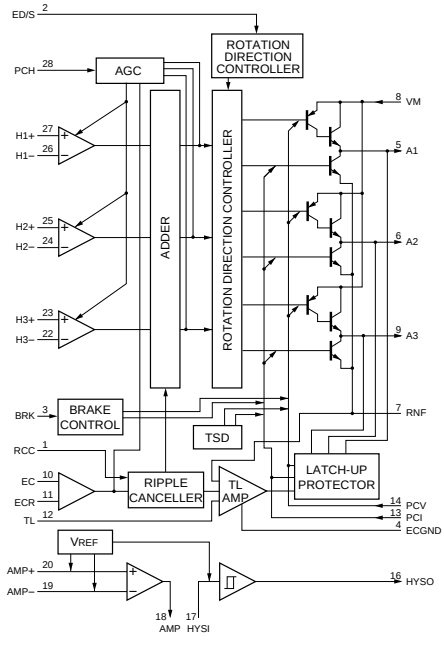
AMP+	:	NON-INVERTING INPUT OF AMPLIFIER
AMP–	:	INVERTING INPUT OF AMPLIFIER
BRK	:	BRAKE
EC	:	TORQUE COMMAND VOLTAGE
ECR	:	TORQUE COMMAND REFERENCE VOLTAGE
ED/S	:	MOTOR ROTATING DIRECTION CONTROL
H1+ - H3+	:	HOLE SIGNAL
H1– - H3–	:	HOLE SIGNAL
HYSI	:	SCHMITT AMPLIFIER
PCH	:	HOLE AMPLIFIER PHASE COMPENSATION CAPACITOR
PCI	:	PHASE COMPENSATION CAPACITOR FOR LOWER SATURATION
PCV	:	PHASE COMPENSATION CAPACITOR FOR UPPER SATURATION
RCC	:	RIPPLE CANCEL CONTROL
TL	:	TORQUE LIMIT
VM	:	MOTOR POWER

OUTPUTS

A1 - A3	:	MOTOR DRIVE
AMP	:	AMPLIFIER
HYSO	:	SCHMITT AMPLIFIER

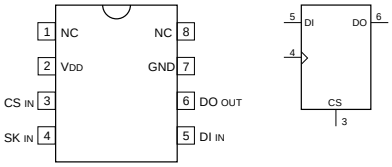
OTHERS

ECGND	:	TORQUE AMPLIFIER GROUND
RNF	:	MOTOR GROUND/CURRENT DETECT



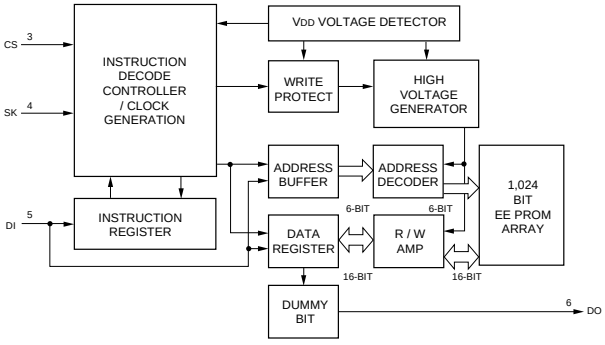
BR93LC46F-E2 (ROHM)

1K (64 × 16)-BIT EEPROM
—TOP VIEW—



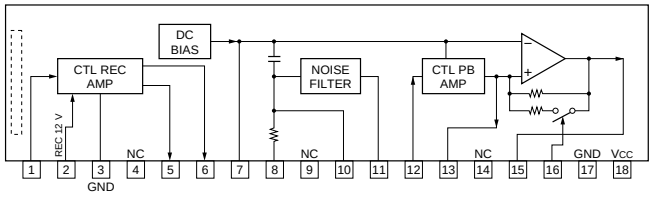
INPUTS
CS : CHIP SELECT
DI : SERIAL DATA
SK : SERIAL CLOCK

OUTPUT
DO : SERIAL DATA



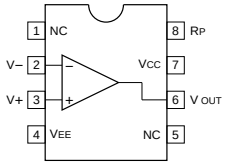
BX-3914 (SONY)

CTL REC/PB AMPLIFIER
—PRINTED SIDE—



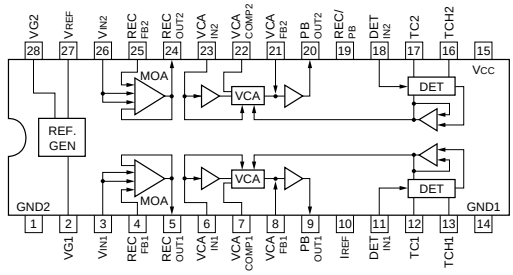
CLC505AJE (COMLINEAR)
CLC505AJE-T

OPERATIONAL AMPLIFIER
—TOP VIEW—



CX20099 (SONY)
CX20099-T6

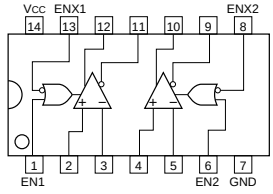
VOLTAGE CONTROLLED AMP/DETECTOR/MAIN OPERATIONAL AMP
—TOP VIEW—



DET ; DETECTOR
TC ; TIME CONSTANT
TCH ; TIME CONSTANT HOLD
VCA ; VOLTAGE CONTROLLED AMP

CXA1077M (SONY)
CXA1077M-T4

DUAL DIFFERENTIAL PRE-AMPLIFIER
—TOP VIEW—

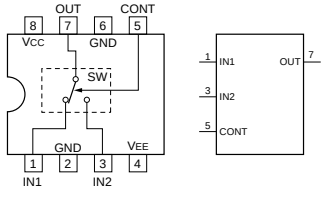


EN	ENX	OUTPUT
0	0	OUT
0	1	HI-Z
1	0	OUT
1	1	OUT

0 : LOW LEVEL
1 : HIGH LEVEL
HI-Z : HIGH IMPEDANCE

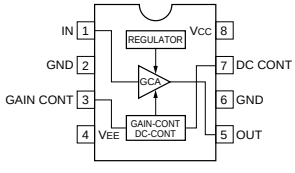
CXA1450M-TH (SONY)

VIDEO SIGNAL SWITCH
—TOP VIEW—



CXA1521M (SONY)

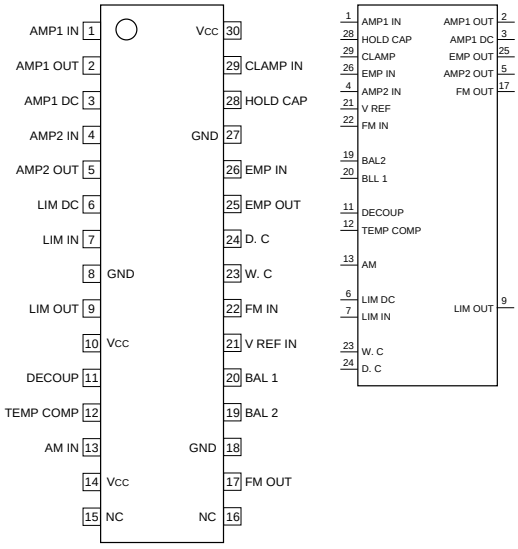
GAIN CONTROL AMP
—TOP VIEW—



CXA1179N (SONY)

VIDEO Y/C REC FM MODULATOR FOR BETACAM

—TOP VIEW—



INPUT

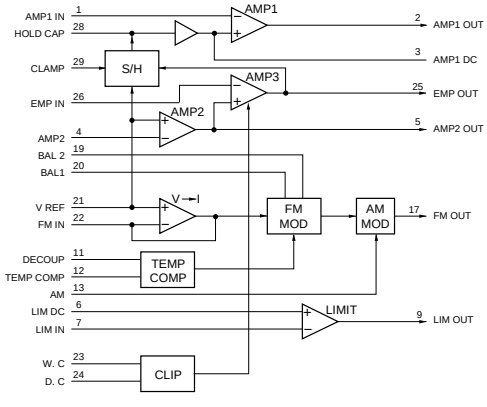
AM	;	AM SIGNAL
AMP1 IN	;	VIDEO SIGNAL AMP1
AMP2 IN	;	VIDEO SIGNAL AMP2
CLAMP	;	CLAMP PULSE
EMP IN	;	EMPHASIS AMP
FM IN	;	FM MODULATOR
LIM IN	;	LIMITER
V REF	;	VOLTAGE REFERENCE

OUTPUT

AMP1 OUT	;	VIDEO SIGNAL AMP1
AMP2 OUT	;	VIDEO SIGNAL AMP2
EMP OUT	;	EMPHASIS AMP
FM OUT	;	FM MODULATOR
LIM OUT	;	LIMITER

OTHER

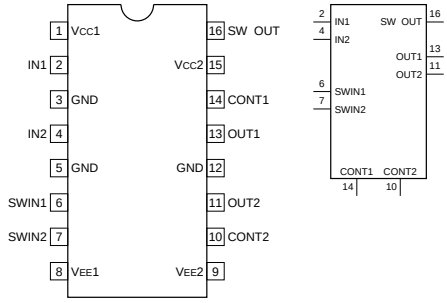
BAL1, BAL2	;	MODULATOR BALANCE ADJUSTMENT
D. C	;	DARK CLIP ADJUSTMENT
DECOUP	;	DECOUPLING CAPACITOR
HOLD CAP	;	HOLD CAPACITOR
LIM DE	;	LIMITER DECOUPLING CAPACITOR
TEMP COMP	;	TEMPERATURE COMPENSATION
W. C	;	WHITE CLIP ADJUSTMENT
AMP1 DC	;	AMP1 CLAMP DC



CXA1451M (SONY)
CXA1451M-TH

WIDEBAND VIDEO SWITCH

—TOP VIEW—

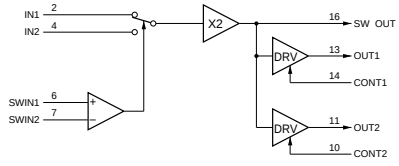


INPUT

CONT1, 2 : POWER SAVE CONTROL PIN OF DRV. 1 AND DRV. 2
INT1, 2 : 1/2-CHANNEL INPUT PIN
SWIN1, 2 : IN1/IN2 PINS SWITCH CONTROL PIN

OUTPUT

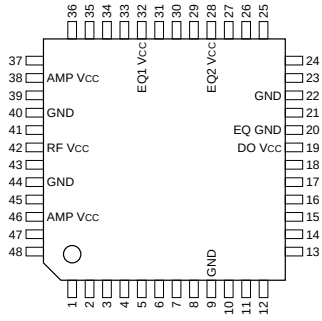
OUT1, 2 : OUTPUT PIN OF DRV. 1/2
SWOUT : OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN SELECTED BY SWITCH



CXA1479Q (SONY)

PB RF SIGNAL PROCESSOR FOR VTR

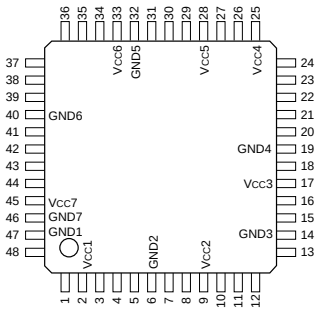
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	CHSW CONT	13	I	OFF SET1	25	I	EQ2(A)IN	37	O	AB RF OUT
2	I	OFF SET2	14	I	IN A	26	I	EQ2(MAIN)CNT	38	—	AMP VCC
3	O	AOR OUT	15	I	EQSEL	27	I	EQ2(B)IN	39	I	RF(A)IN
4	I	ENV(E)	16	I	IN B	28	—	EQ2 VCC	40	—	GND
5	I	ENV(A)	17	—	DCPL1	29	O	EQ1 OUT	41	I	RF(B)IN
6	O	TH OUT	18	O	DO EQ	30	I	EQ1 CONT	42	—	RF VCC
7	I	TH CONT	19	—	DO VCC	31	I	EQ1(B)IN	43	I	RF(C)IN
8	O	DO OUT	20	—	EQ GND	32	—	EQ1VCC	44	—	GND
9	O	REF	21	O	EQ2(MAIN)OUT	33	I	EQ1(A)IN	45	I	RF(D)IN
10	I	ENV IN	22	—	GND	34	I	GAIN CNT	46	—	AMP VCC
11	O	DET OUT2	23	O	EQ2(SUB)OUT	35	O	SWD RF	47	O	CD RF OUT
12	O	DET OUT1	24	I	EQ(SUB)CNT	36	I	RF LEVEL	48	I	MODE CONT

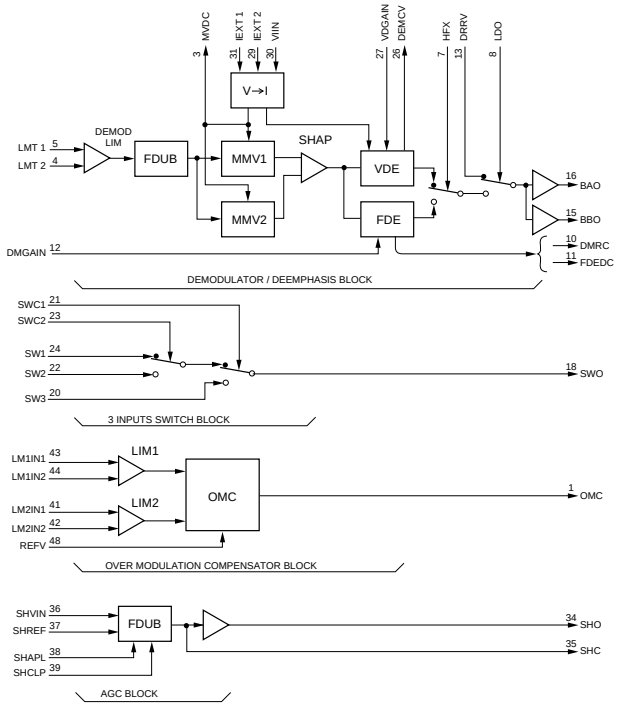
CXA1370Q (SONY)

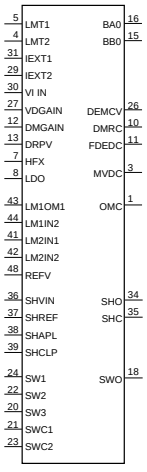
DEMODULATOR/OVER MODULATION COMPENSATOR
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	OMC	13	I	DRPV	25	—	Vcc4	37	I	SHREF
2	—	Vcc1	14	—	GND3	26	O	DEMCV	38	I	SHAPL
3	O	MVDC	15	O	BBO	27	I	VDGAIN	39	I	SHCLP
4	I	LMT2	16	O	BAO	28	—	Vcc5	40	—	GND6
5	I	LMT1	17	—	Vcc3	29	I	IEXT2	41	I	LM2IN1
6	—	GND2	18	O	SWO	30	I	VIIN	42	I	LM2IN2
7	I	HFX	19	—	GND4	31	I	IEXT1	43	I	LM1IN1
8	I	LDO	20	I	SW3	32	—	GND5	44	I	LM1IN2
9	—	Vcc2	21	I	SWC1	33	—	Vcc6	45	—	Vcc7
10	O	DMRC	22	I	SW2	34	O	SHO	46	—	GND7
11	O	FDEDC	23	I	SWC2	35	O	SHC	47	—	GND1
12	I	DMGAIN	24	I	SW1	36	I	SHVIN	48	I	REFV

Vcc1, GND1 ; FOR OVER MODULATION COMPENSATOR
Vcc2, GND2 ; FOR DEMODULATOR
Vcc3, GND3 ; FOR BUFFER
Vcc4, GND4 ; FOR 3 INPUT SWITCH
Vcc5, GND5 ; FOR DEMODULATOR
Vcc6, GND6 ; FOR SAMPLE HOLD
Vcc7, GND7 ; FOR LIMITER





INPUT

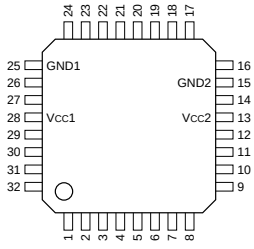
DMGAIN	;	FOR RESISTOR
DRPV	;	VIDEO SIGNAL
HFX	;	SWITCH CONTROL
IEXT1, 2	;	FOR RESISTOR
LM1, 2	;	OVER MODULATION COMPENSATE LIMITER
LMT1, 2	;	DEMODULATE LIMITER
LDO	;	SWITCH CONTROL
REFV	;	REFERENCE VOLTAGE
SHAPL	;	FOR RESISTOR
SHCLP	;	SAMPLE HOLD PULSE
SHREF	;	SAMPLE HOLD REFERENCE VOLTAGE
SHVIN	;	SAMPLE HOLD DEMODULATE VIDEO
SW1 - 3	;	3 INPUT SWITCH
SWC1, 2	;	3 INPUT SWITCH CONTROL
VDGAIN	;	GAIN CONTROL VOLTAGE
VIIN	;	V → I CONTROL VOLTAGE

OUTPUT

BAO, BBO	;	DEMODULATOR
DEMCV	;	VARIABLE DEEMPHASIS CONSTANT
DMRC	;	FIXED DEEMPHASIS CONSTANT
FDEDC	;	FIXED DEEMPHASIS DECOUPLING
MVDC	;	MONOMULTI DECOUPLING
OMC	;	OVER MODULATION COMPENSATER
SHC	;	SAMPLE HOLD CAPACITY
SHO	;	SAMPLE HOLD
SWO	;	3 INPUT SWITCH

CXA1480Q (SONY)

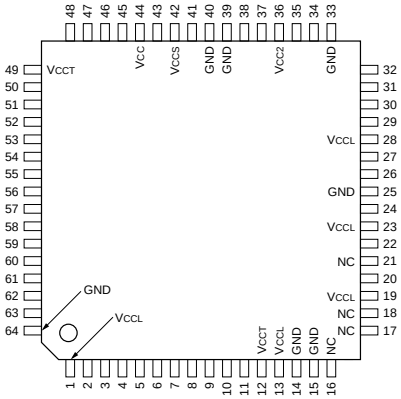
SLEW RATE LIMITER
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	TH IN	17	O	SLEW OUT
2	I	SLEW CONT	18	I	SLEW IN
3	I	SLEW C	19	I	SR R IN
4	I	SLEW REF	20	O	SR R OUT
5	I	LIM H	21	O	VCA OUT
6	I	LIM L	22	I	RG1 IN
7	I	SW IN2	23	O	RG1 OUT
8	I	SH IN	24	O	AMP OUT
9	O	SH C	25	—	GND1
10	O	SH OUT	26	I	AMP IN
11	I	SH PLS	27	I	AMP REF
12	I	SW PLS	28	—	Vcc1
13	—	Vcc2	29	I	RG2 IN
14	O	SW OUT	30	I	VCA CONT
15	—	GND2	31	O	COMP OUT
16	I	SW IN1	32	O	COMP SIG

CXB1341R (SONY)

SERIAL DIGITAL INTERFACE TRANSMISSION ENCODER
—TOP VIEW—



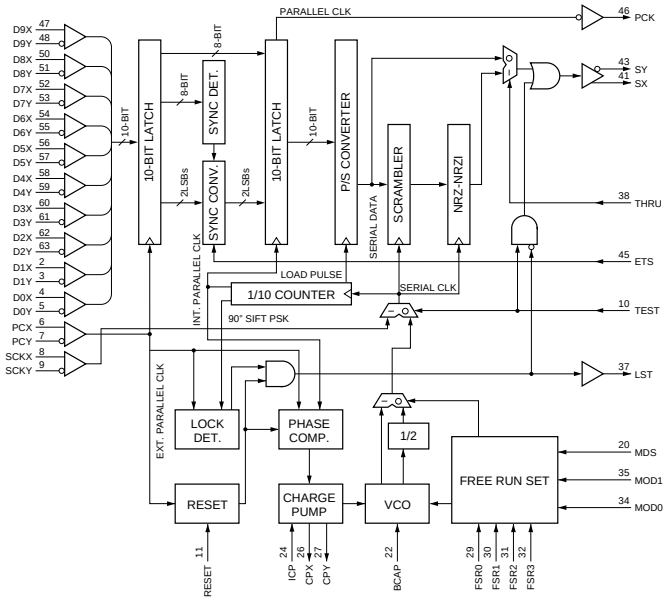
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VCCL	17	—	NC	33	—	GND	49	—	VCCT
2	I	D1X	18	—	NC	34	I	MOD0	50	I	D8X
3	I	D1Y	19	—	VCCL	35	I	MOD1	51	I	D8Y
4	I	D0X	20	I	MDS	36	—	VCC2	52	I	D7X
5	I	D0Y	21	—	NC	37	O	LST	53	I	D7Y
6	I	PCX	22	I	BCAP	38	I	THRU	54	I	D6X
7	I	PCY	23	—	VCCL	39	—	GND	55	I	D6Y
8	I	SCKX	24	I	ICP	40	—	GND	56	I	D5X
9	I	SCKY	25	—	GND	41	O	SX	57	I	D5Y
10	I	TEST	26	O	CPX	42	—	VCCS	58	I	D4X
11	I	RESET	27	O	CPY	43	O	SY	59	I	D4Y
12	—	VCCT	28	—	VCCL	44	—	VCCL	60	I	D3X
13	—	VCCL	29	I	FSR0	45	I	ETS	61	I	D3Y
14	—	GND	30	I	FSR1	46	O	PCK	62	I	D2X
15	—	GND	31	I	FSR2	47	I	D9X	63	I	D2Y
16	—	NC	32	I	FSR3	48	I	D9Y	64	—	GND

INPUT

BCAP	:	EXTERNAL CAPACITOR FOR VCO
D9X - D0X	:	POSITIVE PARALLEL DATA
D9Y - D0Y	:	NEGATIVE PARALLEL DATA
ETS	:	8-BIT/10-BIT SELECT (L = 8-BIT, H OR OPEN = 10-BIT)
FSR0 - FSR3	:	EXTERNAL RESISTOR FOR SETTING THE FREE-RUN FREQUENCY OF VCO
ICP	:	EXTERNAL RESISTOR FOR CHARGE PUMP
MDS	:	TEST
MOD0, MOD1	:	VCO RATE SELECT
PCX	:	POSITIVE PARALLEL CLOCK
PCY	:	NEGATIVE PARALLEL CLOCK
RESET	:	PLL RESET
SCKX, SCKY	:	TEST
TEST	:	TEST
THRU	:	TEST

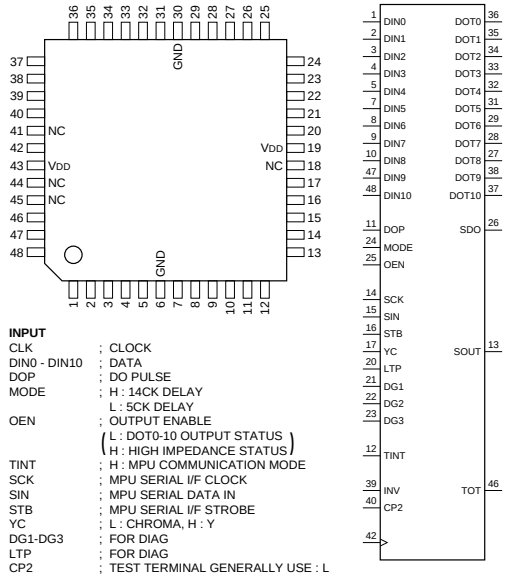
OUTPUT

LST	:	PLL LOCK STATUS
PCK	:	PARALLEL CLOCK
CPX, CPY	:	CHARGE PUMP
SX, SY	:	EXTERNAL RESISTOR FOR SERIAL DIFFERENTIAL



CXD101-106Q (SONY)

C-MOS DIGITAL DELAY LINE
—TOP VIEW—



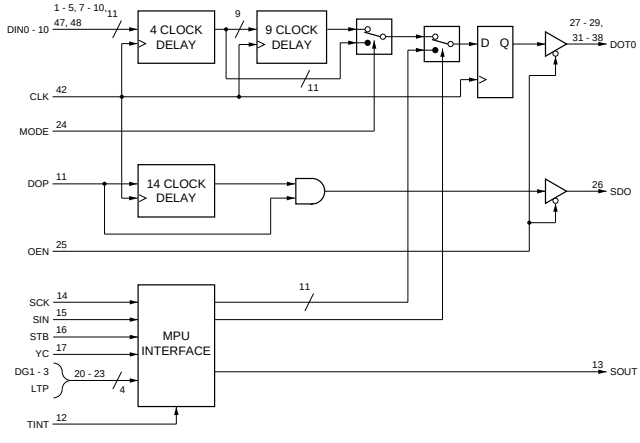
INPUT

CLK	;	CLOCK
DIN0 - DIN10	;	DATA
DOP	;	DO PULSE
MODE	;	H : 14CK DELAY L : 5CK DELAY
OEN	;	OUTPUT ENABLE (L : DOT0-10 OUTPUT STATUS H : HIGH IMPEDANCE STATUS)
TINT	;	H : MPU COMMUNICATION MODE
SCK	;	MPU SERIAL I/F CLOCK
SIN	;	MPU SERIAL DATA IN
STB	;	MPU SERIAL I/F STROBE
YC	;	L : CHROMA, H : Y
DG1-DG3	;	FOR DIAG
LTP	;	FOR DIAG
CP2	;	TEST TERMINAL GENERALLY USE : L
INV	;	TEST TERMINAL GENERALLY USE : L

OUTPUT

DOT0 - DOT10	;	DATA
SDO	;	STRETCHED DO
SOUT	;	DATA OUT TO MPU
TOT	;	TEST

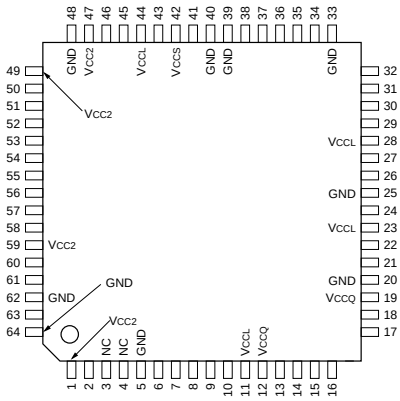
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	DIN0	13	O	SOUT	25	I	OEN	37	O	DOT10
2	I	DIN1	14	I	SCK	26	O	SDO	38	O	DOT9
3	I	DIN2	15	I	SIN	27	O	DOT8	39	I	INV
4	I	DIN3	16	I	STB	28	O	DOT7	40	I	CP2
5	I	DIN4	17	I	YC	29	O	DOT6	41	—	NC
6	—	GND	18	—	NC	30	—	GND	42	I	CLK
7	I	DIN5	19	—	VDD	31	O	DOT5	43	—	VDD
8	I	DIN6	20	I	LTP	32	O	DOT4	44	—	NC
9	I	DIN7	21	I	DG1	33	O	DOT3	45	—	NC
10	I	DIN8	22	I	DG2	34	O	DOT2	46	O	TOT
11	I	DOP	23	I	DG3	35	O	DOT1	47	I	DIN9
12	I	TINT	24	I	MODE	36	O	DOT0	48	I	DIN10



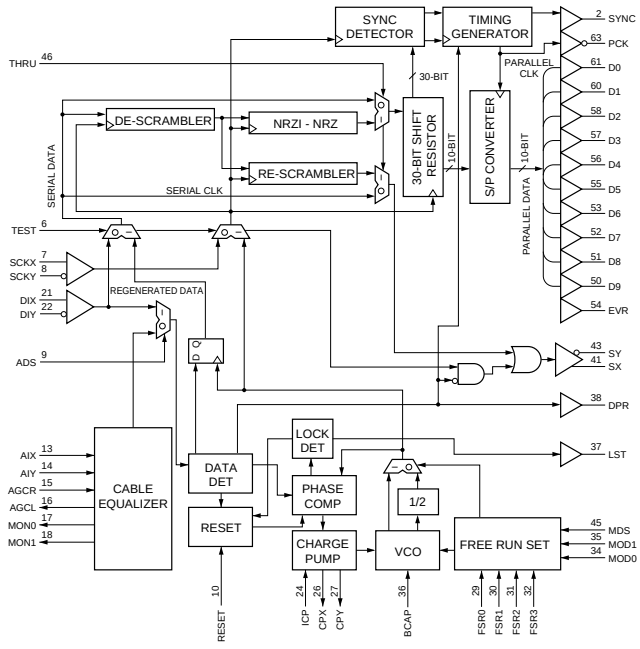
CXB1342R (SONY)

SERIAL DIGITAL INTERFACE TRANSMISSION DECODER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VCC2	17	O	MON0	33	—	GND	49	—	VCC2
2	O	SYNC	18	O	MON1	34	I	MOD0	50	O	D9
3	—	NC	19	—	VCCQ	35	I	MOD1	51	O	D8
4	—	NC	20	—	GND	36	I	BCAP	52	O	D7
5	—	GND	21	I	DIX	37	O	LST	53	O	D6
6	I	TEST	22	I	DIY	38	O	DPR	54	O	EVR
7	I	SCKX	23	—	VCCL	39	—	GND	55	O	D5
8	I	SCKY	24	I	ICP	40	—	GND	56	O	D4
9	I	ADS	25	—	GND	41	O	SX	57	O	D3
10	I	RESET	26	O	CPX	42	—	VCCS	58	O	D2
11	—	VCCL	27	O	CPY	43	O	SY	59	—	VCC2
12	—	VCCQ	28	—	VCCL	44	—	VCCL	60	O	D1
13	I	AIX	29	I	FSR0	45	I	MDS	61	O	D0
14	I	AIY	30	I	FSR1	46	I	THRU	62	—	GND
15	I	AGCR	31	I	FSR2	47	—	VCC2	63	O	PCK
16	O	AGCL	32	I	FSR3	48	—	GND	64	—	GND



INPUT

ADS : TEST
AGCR : AGC REFERENCE VOLTAGE
AIX, AIY : SERIAL DATA
BCAP : EXTERNAL CAPACITOR FOR VCO
DIX, DIY : TEST
FSR0 - FSR3 : EXTERNAL RESISTOR FOR SETTING THE VCO FREE-RUN FREQUENCY
ICP : CHARGE PUMP CURRENT SETTING
MDS : TEST
MOD0, MOD1 : VCO RATE SELECT
RESET : PLL RESET
SCKX, SCKY : TEST
TEST : TEST
THRU : TEST

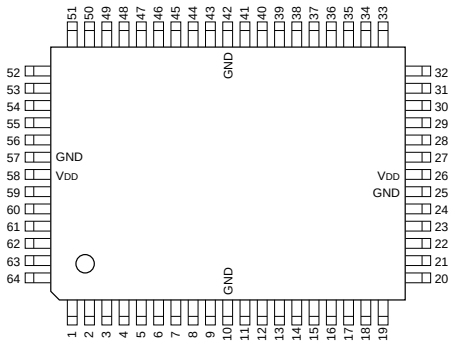
OUTPUT

AGCL : EXTERNAL CAPACITOR FOR PEAK DETECTION
CPX, CPY : CHARGE PUMP
D0 - D9 : PARALLEL CLOCK
DPR : PLL LOCK STATUS
EVR : PARALLEL CLOCK
LST : PLL LOCK STATUS
MON0, MON1 : EQUALIZER MONITOR
PCK : PARALLEL CLOCK
SX, SY : EXTERNAL RESISTOR FOR SERIAL DIFFERENTIAL OUTPUT
SYNC : PLL LOCK STATUS

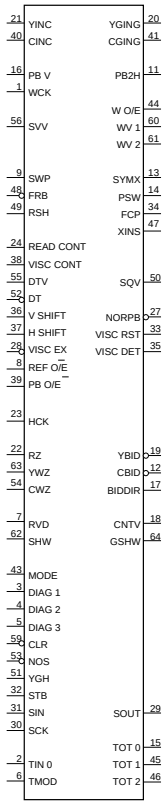
CXD104-114Q (SONY)

C-MOS MEMORY SEQUENCER (WRITE V CONTROL, VISC CONTROL)

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	WCK	17	O	BIDDIR	33	O	VISC RST	49	I	RSH
2	I	TIN0	18	O	CNTV	34	O	FCP	50	O	SQV
3	I	DIAG1	19	I/O	YBID	35	O	VISC DET	51	I	YGH
4	I	DIAG2	20	O	YGINC	36	I	V SHIFT	52	I	DT
5	I	DIAG3	21	I	YINC	37	I	H SHIFT	53	I	NOS
6	I	TMOD	22	I	RZ	38	I	VISC CONT	54	I	CWZ
7	I	RVD	23	I	HCK	39	I	PB O/E	55	I	DTV
8	I	REF O/E	24	I	READ CONT	40	I	CINC	56	I	SVV
9	I	SWP	25	—	GND	41	I	CGINC	57	—	GND
10	—	GND	26	—	VDD	42	—	GND	58	—	VDD
11	O	PB2H	27	O	NORPB	43	I	MODE	59	I	CLR
12	I/O	CBID	28	I	VISC EX	44	O	W O/E	60	O	WV1
13	O	SYMX	29	O	SOUT	45	O	TOT1	61	O	WV2
14	O	PSW	30	I	SCK	46	O	TOT2	62	I	SHW
15	O	TOT0	31	I	SIN	47	O	XINS	63	I	YWZ
16	I	PB V	32	I	STB	48	I	FRB	64	O	GSHW



INPUT

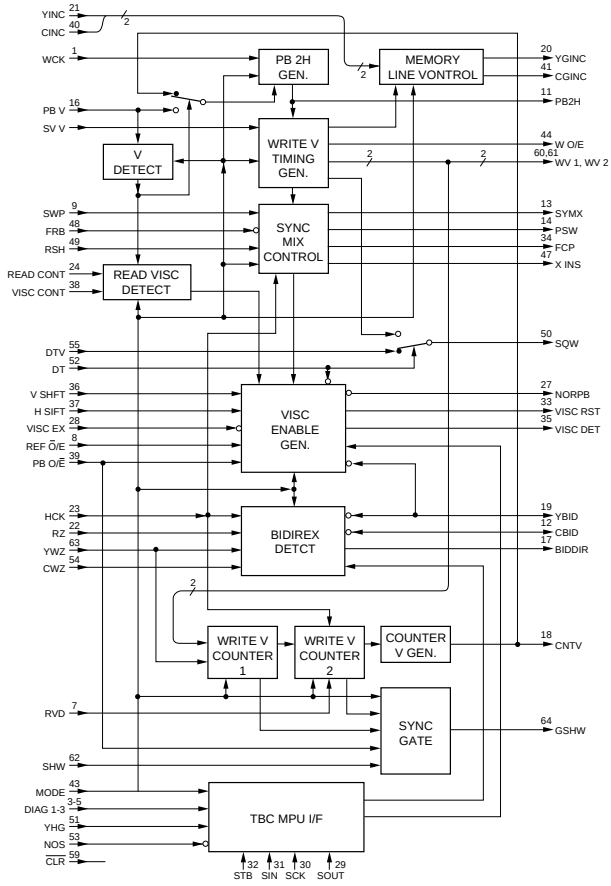
CINC	;	C INC0
CLR	;	CLEAR
CWZ	;	WRITE ZERO OF CHROMA SYSTEM
DIAG1 - 3	;	INPUT FOR DIAGNOSIS
DT	;	DT PLAYBACK DESIGNATE
DTV	;	DT V
FRB	;	FAST REVERSE BIDIREX
HCK	;	REFERENCE CLOCK (13.5MHz)
H SHIFT	;	H SHIFT ENABLE
MODE	;	L ; 625 / H ; 525 MODE
NOS	;	NO SIGNAL
PB O/E	;	PLAYBACK ODD/EVEN
PB V	;	PLAYBACK V
READ CONT	;	READ CONTROL (FROM CXD206-104Q)
REF O/E	;	REFERENCE ODD/EVEN
RSH	;	RETURN SH
RVD	;	RETURN VD
RZ	;	READ ZERO
SCK	;	MPU SERIAL INTERFACE CLOCK
SHW	;	SH WINDOW
SIN	;	MPU SERIAL DATA IN
STB	;	MPU SERIAL INTERFACE STROBE
SVV	;	SERVO V
SWP	;	SWITCHING PULSE
TIN0	;	TEST IN
TMOD	;	TEST MODE
WCK	;	WRITE CLOCK
VISC CONT	;	VISC CONTROL (FROM CXD206-104Q)
VISC EX	;	PLAYBACK VISC EXIST
V SHIFT	;	V SHIFT ENABLE
YINC	;	Y INC0
YGH	;	Y GATED H
YWZ	;	WRITE ZERO OF Y SYSTEM

OUTPUT

BIDDIR	;	DIRECTION CONTROL (H ; FORWARD/L ; REVERSE)
CGINC	;	C GATED INC0
CNTV	;	COUNTER V
FCP	;	FIELD CLAMP PULSE
GSHW	;	GATED SH WINDOW
NORPB	;	DETECTION OUT OF DT/NORMAL PLAYBACK
PB2H	;	PLAYBACK 2H
PSW	;	QUASI-SWITCHING PULSE
SOUT	;	MPU SERIAL DATA OUT
SQV	;	V FOR MEMORY CONTROL
SYMX	;	SYNC MIX CONTROL PULSE
TOT0 - 2	;	TEST OUT
VISC DET	;	VISC PHASE COMPARATOR ENABLE
VISC RET	;	VISC CONTROL RESET PULSE
W O/E	;	WRITE ODD/EVEN
WV 1, 2	;	WRITE V1, V2
XINS	;	CRYSTAL INSERT PULSE
YGINC	;	Y GATED INC0

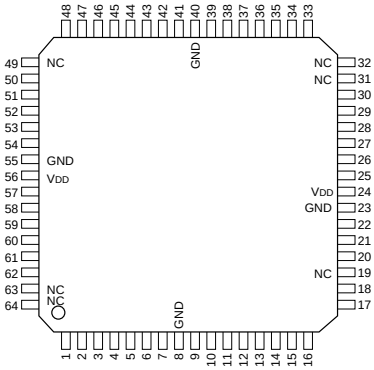
INPUT/OUTPUT

CBID	;	CHROMA SYSTEM BIDIREX
YBID	;	Y SYSTEM BIDIREX



CXD1095AR (SONY)

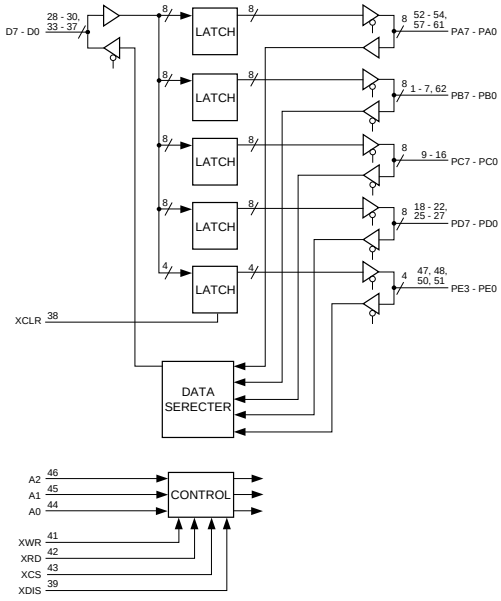
C-MOS I/O EXPANDER
—TOP VIEW—



PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	I/O	PB1	17	I/O	NC	33	I/O	D3	49	—	NC
2	I/O	PB2	18	I/O	PD0	34	I/O	D4	50	I/O	PE2
3	I/O	PB3	19	I/O	PD1	35	I/O	D5	51	I/O	PE3
4	I/O	PB4	20	I/O	PD2	36	I/O	D6	52	I/O	PA0
5	I/O	PB5	21	I/O	PD3	37	I/O	D7	53	I/O	PA1
6	I/O	PB6	22	I/O	PD4	38	I	XCLR	54	I/O	PA2
7	I/O	PB7	23	—	GND	39	I	XDIS	55	—	GND
8	—	GND	24	—	VDD	40	—	GND	56	—	VDD
9	I/O	PC0	25	I/O	PD5	41	I	XWR	57	I/O	PA3
10	I/O	PC1	26	I/O	PD6	42	I	XRD	58	I/O	PA4
11	I/O	PC2	27	I/O	PD7	43	I	XCS	59	I/O	PA5
12	I/O	PC3	28	I/O	D0	44	I	A0	60	I/O	PA6
13	WO	PC4	29	I/O	D1	45	I	A1	61	I/O	PA7
14	I/O	PC5	30	I/O	D2	46	I	A2	62	I/O	PB0
15	I/O	PC6	31	—	NC	47	I/O	PE0	63	—	NC
16	I/O	PC7	32	—	NC	48	I/O	PE1	64	—	NC

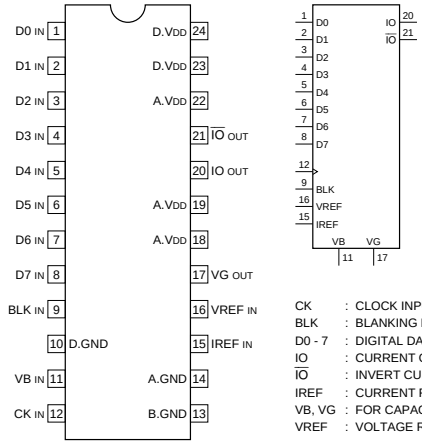
INPUT
A0 - A3 : ADDRESS
XCLR : CHIP SELECT
XCS : CHIP SELECT
XDIS : DISABLE
XRD : READ
XWR : WRITE

INPUT/OUTPUT
DO - 7 : DATA BUS
PA0 - A7 : PORT 1
PB0 - B7 : PORT 2
PC0 - C7 : PORT 3
PD0 - D7 : PORT 4
PE0 - E7 : PORT 5

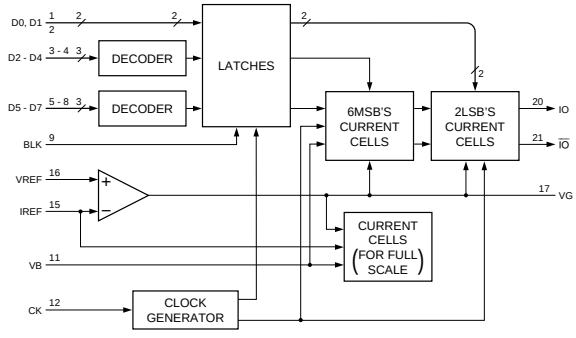


CXD1171M (SONY)
CXD1171M-TH

C-MOS 8-BIT D/A CONVERTER
—TOP VIEW—



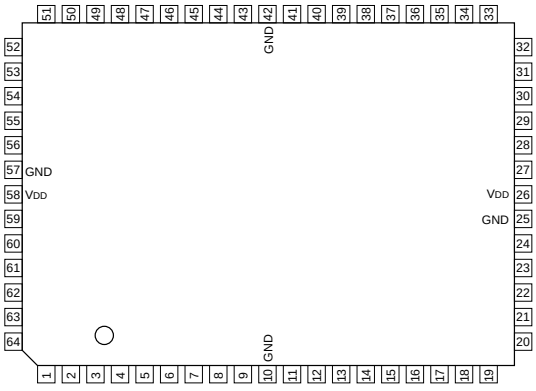
CK : CLOCK INPUT
BLK : BLANKING PULSE INPUT
D0 - 7 : DIGITAL DATA INPUT
IO : CURRENT OUTPUT
IO : INVERT CURRENT OUTPUT
IREF : CURRENT REFERENCE INPUT
VB, VG : FOR CAPACITOR
VREF : VOLTAGE REFERENCE INPUT



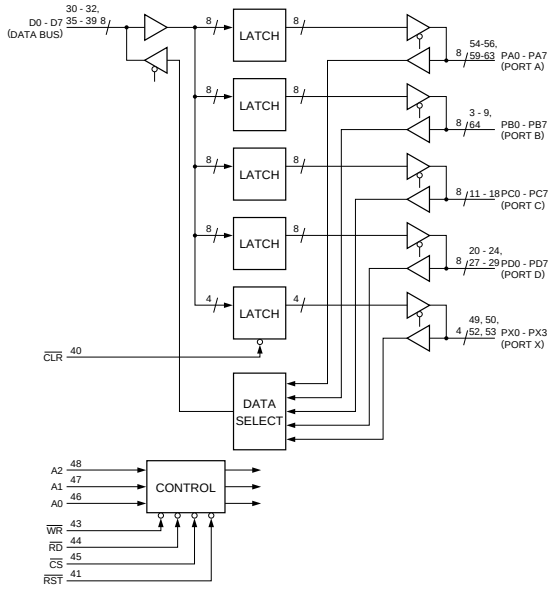
CXD1095BQ (SONY)

C-MOS I/O PORT EXPANDER

—TOP VIEW—



PIN No.	I / O	SIGNAL	PIN No.	I / O	SIGNAL	PIN No.	I / O	SIGNAL	PIN No.	I / O	SIGNAL
1	—	NC	17	I/O	PC6	33	—	NC	49	I/O	PX0
2	—	NC	18	I/O	PC7	34	—	NC	50	I/O	PX1
3	I/O	PB1	19	—	NC	35	I/O	D3	51	—	NC
4	I/O	PB2	20	I/O	PD0	36	I/O	D4	52	I/O	PX2
5	I/O	PB3	21	I/O	PD1	37	I/O	D5	53	I/O	PX3
6	I/O	PB4	22	I/O	PD2	38	I/O	D6	54	I/O	PA0
7	I/O	PB5	23	I/O	PD3	39	I/O	D7	55	I/O	PA1
8	I/O	PB6	24	I/O	PD4	40	I	$\overline{CLR}$	56	I/O	PA2
9	I/O	PB7	25	—	GND	41	I	$\overline{RST}$	57	—	GND
10	—	GND	26	—	VDD	42	—	GND	58	—	VDD
11	I/O	PC0	27	I/O	PD5	43	I	$\overline{WR}$	59	I/O	PA3
12	I/O	PC1	28	I/O	PD6	44	I	$\overline{RD}$	60	I/O	PA4
13	I/O	PC2	29	I/O	PD7	45	I	$\overline{CS}$	61	I/O	PA5
14	I/O	PC3	30	I/O	D0	46	I	A0	62	I/O	PA6
15	I/O	PC4	31	I/O	D1	47	I	A1	63	I/O	PA7
16	I/O	PC5	32	I/O	D2	48	I	A2	64	I/O	PB0



CS	RD	WR	A2	A1	A0	MODE
0	0	1	0	0	0	PORT A → DATA BUS
0	0	1	0	0	1	PORT B → DATA BUS
0	0	1	0	1	0	PORT C → DATA BUS
0	0	1	0	1	1	PORT D → DATA BUS
0	0	1	1	0	0	PORT X → DATA BUS
0	0	1	1	0	1	———
0	0	1	1	1	0	———
0	0	1	1	1	1	———
0	1	0	0	0	0	DATA BUS → PORT A
0	1	0	0	0	1	DATA BUS → PORT B
0	1	0	0	1	0	DATA BUS → PORT C
0	1	0	0	1	1	DATA BUS → PORT D
0	1	0	1	0	0	DATA BUS → PORT X
0	1	0	1	0	1	———
0	1	0	1	1	0	DATA BUS → CTL REG. 1
0	1	0	1	1	1	DATA BUS → CTL REG. 2
1	×	×	×	×	×	DATA BUS ; HI-Z

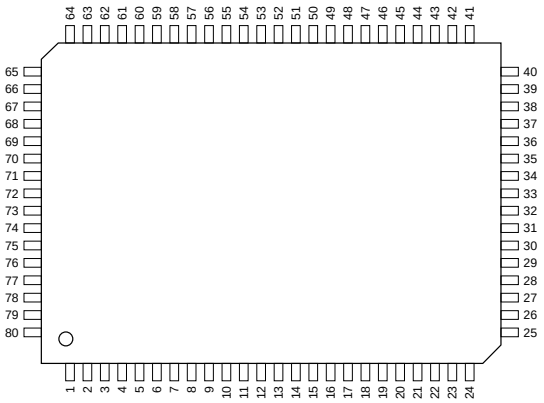
0 ; LOW LEVEL
1 ; HIGH LEVEL
× ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

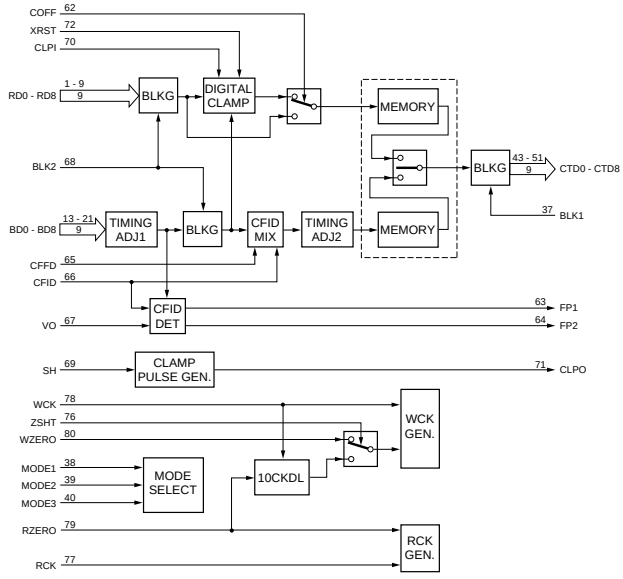
D0 - D7 ; DATA BUS INPUTS/OUTPUTS
$\overline{CS}$; CHIP SELECT INPUT
$\overline{RD}$; READ STROBE INPUT
$\overline{WR}$; WRITE STROBE INPUT
A0 - A2 ; ADDRESS INPUT
$\overline{RST}$; RESET INPUT
$\overline{CLR}$; CLEAR INPUT
PA0 - PA7 ; PORT A INPUTS/OUTPUTS
PB0 - PB7 ; PORT B INPUTS/OUTPUTS
PC0 - PC7 ; PORT C INPUTS/OUTPUTS
PD0 - PD7 ; PORT D INPUTS/OUTPUTS
PX0 - PX3 ; PORT X INPUTS/OUTPUTS

CXD1151Q (SONY)

VIDEO SIGNAL PROCESSOR FOR BETACAM

—TOP VIEW—





PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	RD0	21	I	BD8	41	—	NC	61	—	NC
2	I	RD1	22	—	GND	42	—	GND	62	I	COFF
3	I	RD2	23	O	TM0	43	O	CTD0	63	O	FP1
4	I	RD3	24	O	TM1	44	O	CTD1	64	O	FP2
5	I	RD4	25	O	TM2	45	O	CTD2	65	I	CFFD
6	I	RD5	26	O	TM3	46	O	CTD3	66	I	CFID
7	I	RD6	27	O	TM4	47	O	CTD4	67	I	VO
8	I	RD7	28	O	TM5	48	O	CTD5	68	I	BLK2
9	I	RD8	29	O	TM6	49	O	CTD6	69	O	SH
10	I	TSL2	30	O	TM7	50	O	CTD7	70	I	CLPI
11	I	TSL3	31	O	TM8	51	O	CTD8	71	I	CLPO
12	—	GND	32	O	TM9	52	—	GND	72	I	XRST
13	I	BD0	33	I	V_{DD}	53	—	NC	73	I	V_{DD}
14	I	BD1	34	I	TMOD	54	—	NC	74	I	TST1
15	I	BD2	35	I	TMEN	55	—	NC	75	I	TST2
16	I	BD3	36	I	TSL1	56	—	NC	76	I	ZSHT
17	I	BD4	37	I	BLK1	57	—	NC	77	I	RCK
18	I	BD5	38	I	MODE1	58	—	NC	78	I	WCK
19	I	BD6	39	I	MODE2	59	—	NC	79	I	RZERO
20	I	BD7	40	I	MODE3	60	—	NC	80	I	WZERO

INPUTS

BD0 - BD8 : B-Y DATA
BLK1, BLK2 : BLKG PULSE
CFFD : FIELD SIGNAL INPUT FOR COLOR FRAMING ID MIX
CFID : PULSE INPUT FOR COLOR FRAMING ID MIX
CLPI : CLAMP PULSE INPUT FOR DIGITAL CLAMP
COFF : DIGITAL CLAMP CIRCUIT CONTROL
MODE1 - MODE3 : MODE SELECT
RCK : READ CLOCK
RD0 - RD8 : R-Y DATA
RZERO : READ ZERO
SH : TRIGGER FOR CLPO
TMEN : MEMORY ADD CONTROL INPUT IN TEST MODE
TMOD : TEST MODE CONTROL
TSL1 : MEMORY SELECT INPUT IN TEST MODE
TSL2, TSL3 : TEST
TST1, TST2 : DIGITAL CLAMP CIRCUIT TEST CONTROL
VO : COLOR FRAMING DETECT CIRCUIT RESET PULSE
WCK : WRITE CLOCK
WZERO : WRITE ZERO
XRST : DIGITAL CLAMP CIRCUIT RESET PULSE
ZSHT : INTERNAL/EXTERNAL WZERO SELECT

OUTPUTS

CLPO : CLAMP PULSE
CTD0 - CTD8 : CTDM DATA
FP1, FP2 : COLOR FRAMING DETECT PULSE
TM0 - TM9 : DIGITAL CLAMP CIRCUIT TEST SIGNAL

MODE1	1				1			
MODE2	1		0		1		0	
MODE3	1	0	1	0	1	0	1	0
nfH	910fH	858fH	909fH	×	908fH	864fH	1135fH	TCLR

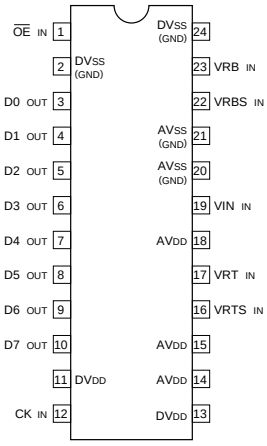
0 : LOW LEVEL 1 : HIGH LEVEL

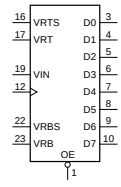
http://getMANUAL.com

CXD1175AM-TH (SONY)

C-MOS 8-BIT 20 MSPS VIDEO A / D CONVERTER

—TOP VIEW—

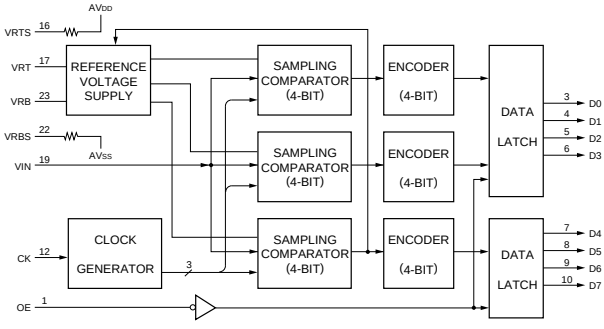




AVDD	; ANALOG POWER SUPPLY
AVSS	; ANALOG GROUND
CK	; CLOCK INPUT
D0 - 7	; DIGITAL DATA OUTPUTS (LSB to MSB)
DVDD	; DIGITAL POWER SUPPLY
DVSS	; DIGITAL GROUND
$\overline{OE}$	; OUTPUT ENABLE (OE = HIGH ; HIGH IMPEDANCE)
VIN	; ANALOG VOLTAGE INPUT
VRB	; BOTTOM REFERENCE VOLTAGE INPUT
VRBS	; AS SHORT-CIRCUIT AT VRB. GENERATES +0.6 V
VRT	; TOP REFERENCE VOLTAGE INPUT
VRTS	; AS SHORT-CIRCUIT AT VRT. GENERATES +2.6 V

STEP	INPUT SIGNAL VOLTAGE	DATA OUTPUTS							
		D7	D6	D5	D4	D3	D2	D1	D0
0	0 V (VRT)	1	1	1	1	1	1	1	1
1	0.01 V	1	1	1	1	1	1	1	0
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
127	1.34 V	1	0	0	0	0	0	0	0
128	1.35 V	0	1	1	1	1	1	1	1
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
255	2.7 V (VRB)	0	0	0	0	0	0	0	0

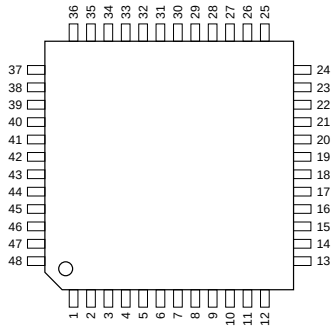
0 ; LOW LEVEL
1 ; HIGH LEVEL

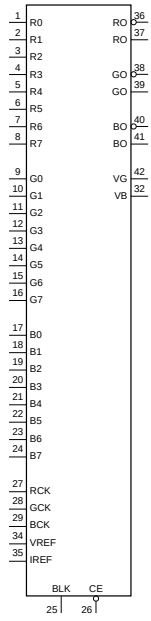


CXD1178Q (SONY)
CXD1178Q-T6

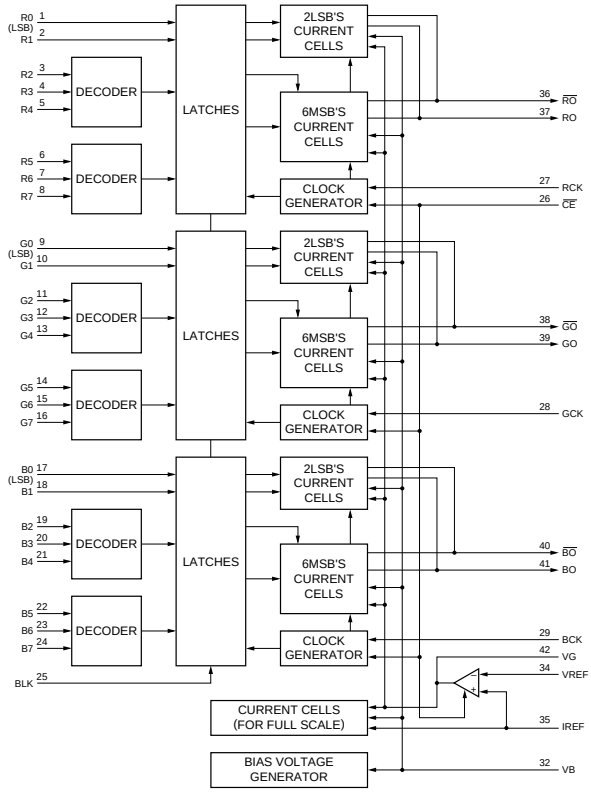
3-CH 8-BIT D/A CONVERTER

—TOP VIEW—





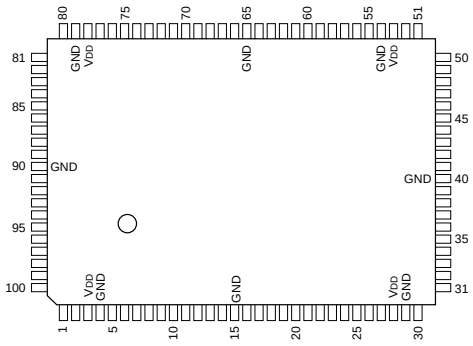
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	R0 (LSB)	13	I	G4	25	I	BLK	37	O	RO
2	I	R1	14	I	G5	26	I	$\overline{CE}$	38	O	$\overline{GO}$
3	I	R2	15	I	G6	27	I	RCK	39	O	GO
4	I	R3	16	I	G7	28	I	GCK	40	O	$\overline{BO}$
5	I	R4	17	I	B0 (LSB)	29	I	BCK	41	O	BO
6	I	R5	18	I	B1	30	—	D GND	42	I	VG
7	I	R6	19	I	B2	31	—	D GND	43	—	A VDD
8	I	R7	20	I	B3	32	I	VB	44	—	A VDD
9	I	G0 (LSB)	21	I	B4	33	—	A GND	45	—	A VDD
10	I	G1	22	I	B5	34	I	VREF	46	—	A VDD
11	I	G2	23	I	B6	35	I	IREF	47	—	D VDD
12	I	G3	24	I	B7	36	O	RO	48	—	D VDD



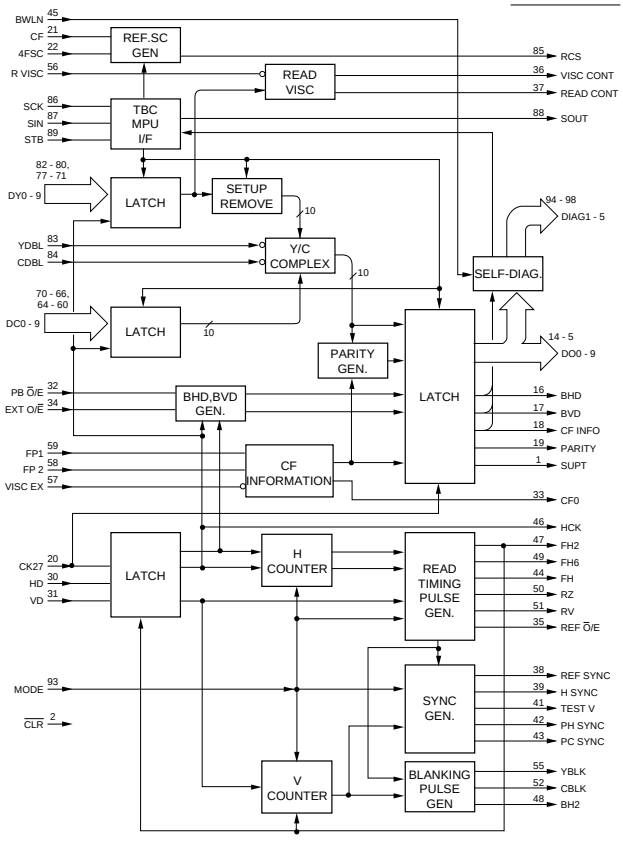
CXD206-104Q (SONY)

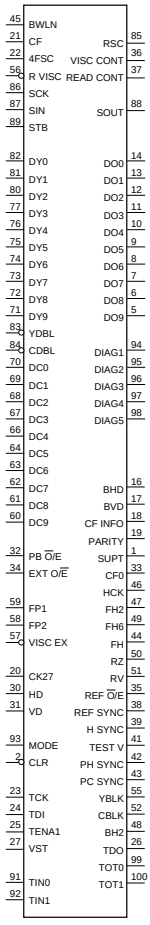
C-MOS Y/C COMPLEX READ TIMING PULSE GENERATOR

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	SUPT	21	I	CF	41	O	TEST V	61	I	DC8	81	I	DY1
2	I	$\overline{CLR}$	22	I	4FSC	42	O	PH SYNC	62	I	DC7	82	I	DY0
3	—	VDD	23	I	TCK	43	O	PC SYNC	63	I	DC6	83	I	$\overline{CDBL}$
4	—	GND	24	I	TDI	44	O	FH	64	I	DC5	84	I	$\overline{YDBL}$
5	O	DO9	25	I	TENA 1	45	I	BWLN	65	—	GND	85	O	RSC
6	O	DO8	26	O	TDO	46	O	HCK	66	I	DC4	86	I	SCK
7	O	DO7	27	I	VST	47	O	FH2	67	I	DC3	87	I	SIN
8	O	DO6	28	—	VDD	48	O	BH2	68	I	DC2	88	O	SOUT
9	O	DO5	29	—	GND	49	O	FH6	69	I	DC1	89	I	STB
10	O	DO4	30	I	HD	50	O	RZ	70	I	DC0	90	—	GND
11	O	DO3	31	I	VD	51	O	RV	71	I	DY9	91	I	TIN0
12	O	DO2	32	I	PB $\overline{O}$/E	52	O	CBLK	72	I	DY8	92	I	TIN1
13	O	DO1	33	O	CF0	53	—	VDD	73	I	DY7	93	I	MODE
14	O	DO0	34	I	EXT $\overline{O}$/E	54	—	GND	74	I	DY6	94	O	DIAG1
15	—	GND	35	O	REF $\overline{O}$/E	55	O	YBLK	75	I	DY5	95	O	DIAG2
16	O	BHD	36	O	VISC CONT	56	I	R VISC	76	I	DY4	96	O	DIAG3
17	O	BVD	37	O	READ CONT	57	I	$\overline{VISC\ EX}$	77	I	DY3	97	O	DIAG4
18	O	CF INFO	38	O	H SYNC	58	I	FP2	78	—	VDD	98	O	DIAG5
19	O	PARITY	39	O	REF SYNC	59	I	FP1	79	—	GND	99	O	TOT0
20	I	CK27	40	—	GND	60	I	DC9	80	I	DY2	100	O	TOT1





INPUT

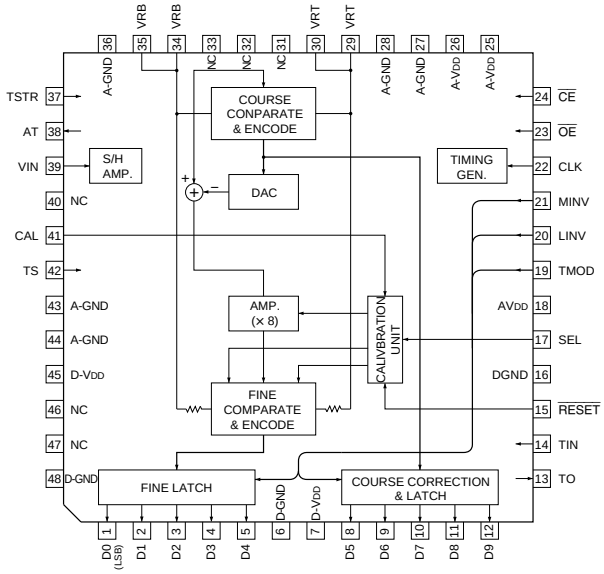
4FSC	;	4fsc CLOCK
BWLN	;	BLACK/WHITE INSERT LINE
$\overline{CDBL}$	;	CHROMA MUTE
CF	;	REFERENCE CF PULSE
CK21	;	27MHz CLOCK
$\overline{CLR}$	;	CLEAR
DC0 - 9	;	COMPLEX CHROMA DATA BUS
DY0 - 9	;	Y DATA BUS
EXT O/E	;	REFERENCE $\overline{ODD}$/EVEN
FP1	;	CF ID
FP2	;	$\overline{CF}$ $\overline{ID}$
HD	;	REFERENCE HD
MODE	;	L ; 625/H ; 525 MODE
PB $\overline{O}$/E	;	PLAYBACK $\overline{ODD}$/EVEN
R $\overline{VISC}$	;	READ VISC LINE
SCK	;	MPU SERIAL INTERFACE CLOCK
SIN	;	MPU SERIAL DATA IN
STB	;	MPU SERIAL INTERFACE STROBE
TCK	;	CLOCK FOR CROSS CHECK
TDI	;	DATA IN FOR CROSS CHECK
TENA 1	;	CROSS CHECK ENABLE
TIN0,1	;	TEST IN
VD	;	REFERENCE VD
$\overline{VISC\ EX}$	;	PB VISC EXIST
VST	;	VS IN FOR CROSS CHECK
$\overline{YDBL}$	;	Y MUTE

OUTPUT

BH2	;	TOW TIMES H BLANKING OF READ SYSTEM
BHD, BVD	;	RETURN HD, VD
CBLK	;	COMPOSITE BLANKING PULSE FOR CHROMA
CF INFO	;	CF INFORMATION
CF0	;	CF0 FROM FP1 AND FP2 INPUTS
DIAG1 - 5	;	PULSE OUT FOR DIAGNOSIS
DO0 - 9	;	COMPLEX DATA BUS
FH	;	FH OF READ SYSTEM
FH2	;	TWO TIMES FH OF READ SYSTEM
FH6	;	SIX TIMES FH OF READ SYSTEM
H SYNC	;	READ H SYNC
HCK	;	REFERENCE CLOCK (13.5MHz)
PARITY	;	PARITY
PH SYNC	;	H SYNC EQUIVALENT TO WRITE SIDE FOR DIAGNOSIS
PC SYNC	;	COMPOSITE SYNC EQUIVALENT TO WRITE SIDE FOR DIAGNOSIS
READ CONT	;	READ CONTROL (TO CXD104-114Q)
REF $\overline{O}$/E	;	REFERENCE $\overline{ODD}$/EVEN
REF SYNC	;	READ COMPOSITE SYNC
RSC	;	ENCODE SC
RV	;	READ V
RZ	;	READ ZERO
SOUT	;	MPU SERIAL DATA OUT
SUPT	;	READ CONTROL (TO CXD303-101Q)
TEST V	;	V OUT FOR DIAGNOSIS
TDO	;	DATA OUT FOR CROSS CHECK
TOT0, 1	;	TEST OUT
VISC CONT	;	VISC CONTROL (TO CXD104-114Q)
YBLK	;	COMPOSITE BLANKING PULSE FOR Y

CXD2310AR-T4 (SONY)

C-MOS 10-BIT 20 MSPS VIDEO A/D CONVERTER
—TOP VIEW—



INPUT

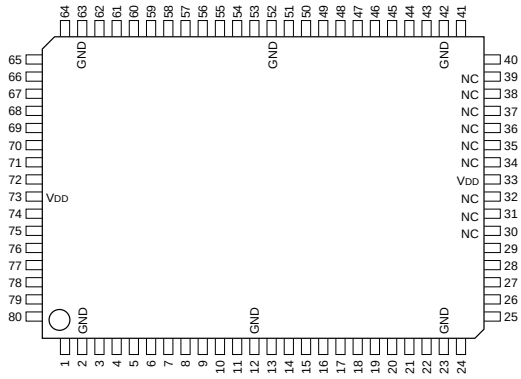
CAL	:	CALIBRATION PULSE INPUT
CE	:	CHIP ENABLE
CLK	:	CLOCK
LINV	:	OUTPUT (D0 - D8) INVERSION
MINV	:	OUTPUT (D9) INVERSION
OE	:	DIGITAL DATA OUTPUT ENABLE
RESET	:	CALIBRATION CIRCUIT RESET
SEL	:	OUTPUT DATA (D5 - D9) SELECT FOR CALIBRATION (4-CLOCK) HIGH ; THROUGH OUTPUT, OW ; DATA FIXED AS WITH D0 - D4
TIN	:	TEST SIGNAL INPUT
TMOD	:	TEST MODE
TS	:	TEST SIGNAL INPUT
TSTR	:	TEST SIGNAL INPUT
VRB	:	REFERENCE BOTTOM VOLTAGE
VRT	:	REFERENCE TOP VOLTAGE

OUTPUT

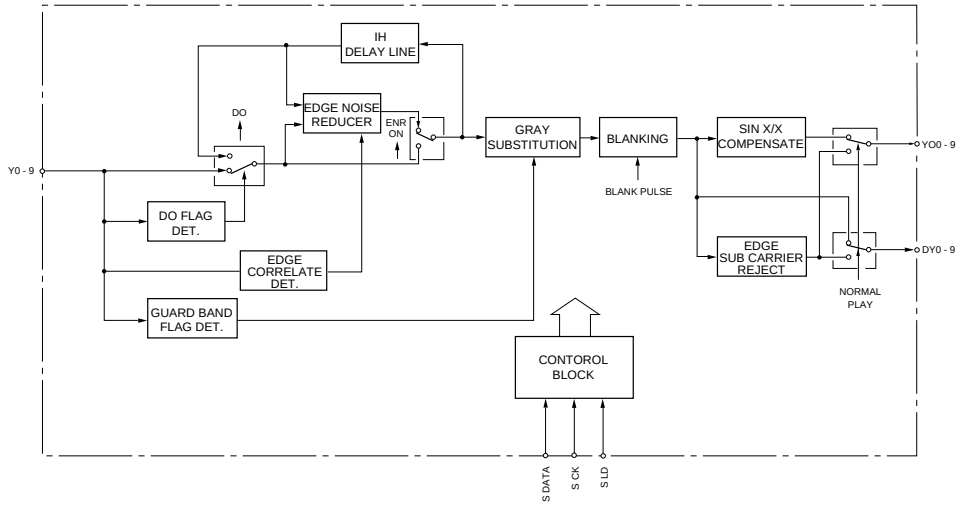
AT	:	TEST SIGNAL OUTPUT
D0 - D9	:	DIGIRAL DATA OUTPUT
TO	:	TEST PIN

CXD2209Q (SONY)

C-MOS DIGITAL EDGE NOISE REDUCER
—TOP VIEW—



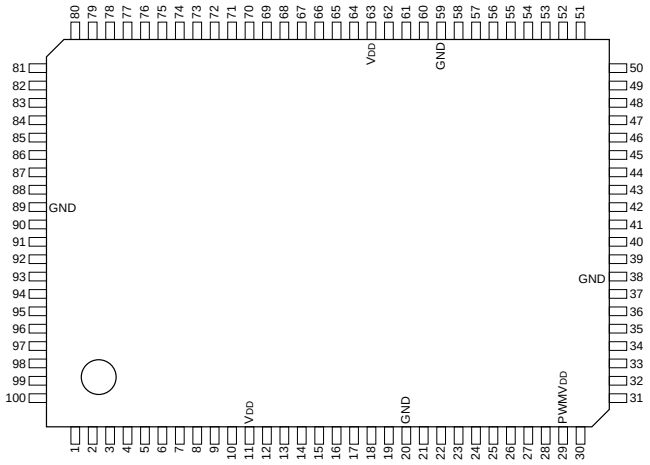
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	Y0	21	I	$\overline{DT}$	41	O	YO0	61	O	DY8
2	—	GND	22	I	D0	42	—	GND	62	O	DY9
3	I	CK	23	—	GND	43	O	YO1	63	—	GND
4	I	BID	24	I	D1	44	O	YO2	64	I	$\overline{OE2}$
5	I	$\overline{CBLK}$	25	I	ENS1	45	O	YO3	65	I	DTSTB
6	I	$\overline{VBLK}$	26	I	DNS0	46	O	YO4	66	I	SLD
7	I	H SYN	27	I	MOD1	47	O	YO5	67	I	SDATA
8	I	$\overline{VISC\ EX}$	28	I	MOD2	48	O	YO6	68	I	SCK
9	I	$\overline{X30}$	29	I	MODS	49	O	YO7	69	O	STP
10	I	$\overline{SW1}$	30	—	NC	50	O	YO8	70	O	S OUT
11	I	$\overline{GRSW}$	31	—	NC	51	O	YO9	71	I	Y9
12	—	GND	32	—	NC	52	—	GND	72	I	Y8
13	I	$\overline{ENROFF}$	33	—	VDD	53	O	DY0	73	—	VDD
14	I	$\overline{ESROFF}$	34	—	NC	54	O	DY1	74	I	Y7
15	I	$\overline{DEF}$	35	—	NC	55	O	DY2	75	I	Y6
16	I	MUTE1	36	—	NC	56	O	DY3	76	I	Y5
17	I	MUTE3	37	—	NC	57	O	DY4	77	I	Y4
18	I	$\overline{DIG\ IF}$	38	—	NC	58	O	DY5	78	I	Y3
19	I	$\overline{3S4}$	39	—	NC	59	O	DY6	79	I	Y2
20	I	$\overline{APOFF}$	40	I	$\overline{OE1}$	60	O	DY7	80	I	Y1



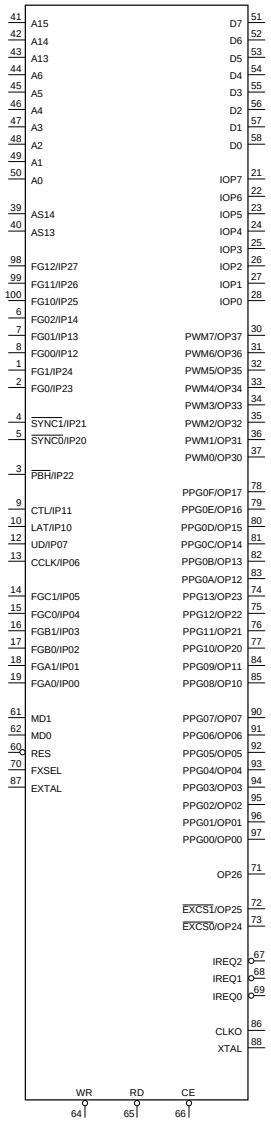
CXD2202Q (SONY)

SERVO IC

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	FG1/IP24	26	I/O	IOP2	51	I/O	D7	76	O	PPG11/OP21
2	I	FG0/IP23	27	I/O	IOP1	52	I/O	D6	77	O	PPG10/OP20
3	I	$\overline{\text{PBH}}$/IP22	28	I/O	IOP0	53	I/O	D5	78	O	PPG0F/OP17
4	I	$\overline{\text{SYNC1}}$/IP21	29	—	PWM V_{DD}	54	I/O	D4	79	O	PPG0E/OP16
5	I	$\overline{\text{SYNC0}}$/IP20	30	O	PWM7/OP37	55	I/O	D3	80	O	PPG0D/OP15
6	I	FG02/IP14	31	O	PWM6/OP36	56	I/O	D2	81	O	PPG0C/OP14
7	I	FG01/IP13	32	O	PWM5/OP35	57	I/O	D1	82	O	PPG0B/OP13
8	I	FG00/IP12	33	O	PWM4/OP34	58	I/O	D0	83	O	PPG0A/OP12
9	I	CTL/IP11	34	O	PWM3/OP33	59	—	GND	84	O	PPG09/OP11
10	I	LAT/IP10	35	O	PWM2/OP32	60	I	$\overline{\text{RES}}$	85	O	PPG08/OP10
11	—	V_{DD}	36	O	PWM1/OP31	61	I	MD1	86	O	CLKO
12	I	UD/IP07	37	O	PWM0/OP30	62	I	MD0	87	I	EXTAL
13	I	CCLK/IP06	38	—	GND	63	—	V_{DD}	88	O	XTAL
14	I	FGC1/IP05	39	I	AS14	64	I	$\overline{\text{WR}}$	89	—	GND
15	I	FGC0/IP04	40	I	AS13	65	I	$\overline{\text{RD}}$	90	O	PPG07/OP07
16	I	FGB1/IP03	41	I	A15	66	I	$\overline{\text{CE}}$	91	O	PPG06/OP06
17	I	FGB0/IP02	42	I	A14	67	O	$\overline{\text{IREQ2}}$	92	O	PPG05/OP05
18	I	FGA1/IP01	43	I	A13	68	O	$\overline{\text{IREQ1}}$	93	O	PPG04/OP04
19	I	FGA0/IP00	44	I	A6	69	O	$\overline{\text{IREQ0}}$	94	O	PPG03/OP03
20	—	GND	45	I	A5	70	I	FXSEL	95	O	PPG02/OP02
21	I/O	IOP7	46	I	A4	71	O	OP26	96	O	PPG01/OP01
22	I/O	IOP6	47	I	A3	72	O	$\overline{\text{EXCS1}}$/OP25	97	O	PPG00/OP00
23	I/O	IOP5	48	I	A2	73	O	$\overline{\text{EXCS0}}$/OP24	98	I	FG12/IP27
24	I/O	IOP4	49	I	A1	74	O	PPG13/OP23	99	I	FG11/IP26
25	I/O	IOP3	50	I	A0	75	O	PPG12/OP22	100	I	FG10/IP25



INPUT

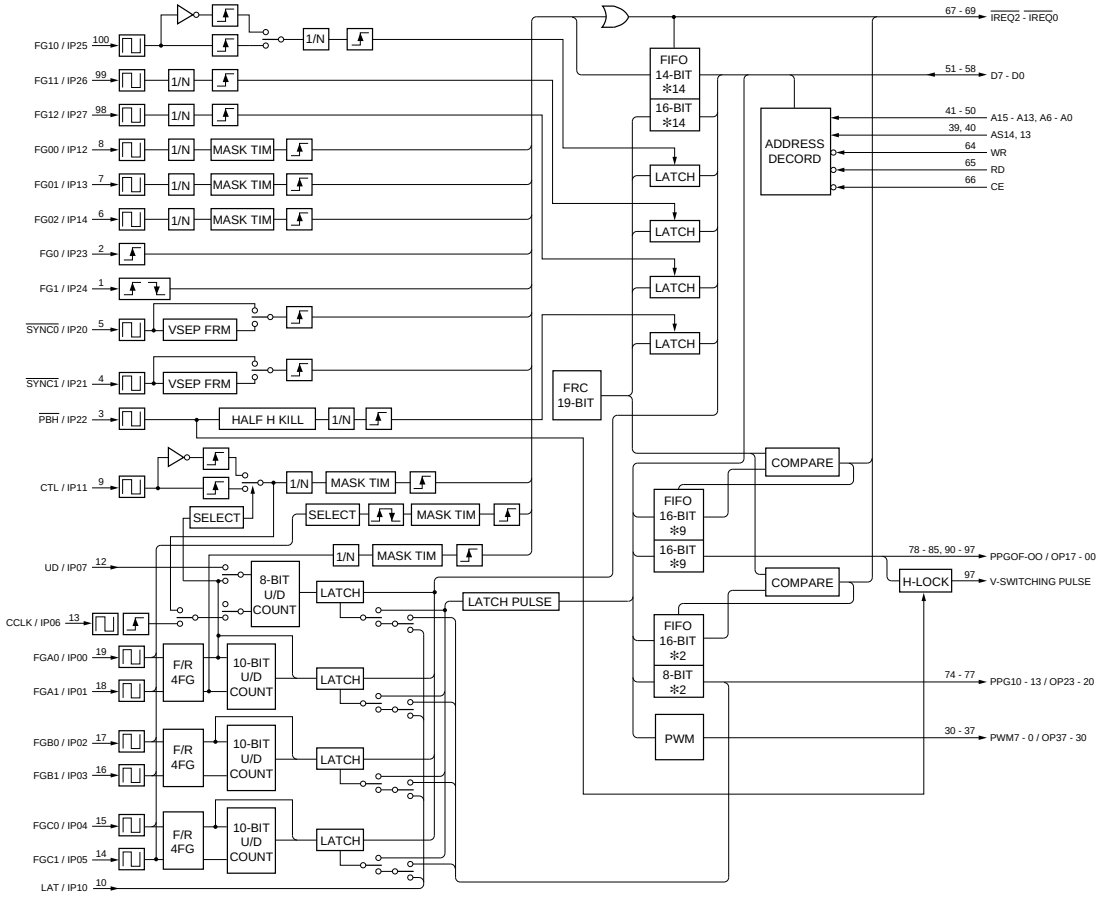
A0 - A15 ; ADDRSSS BUS
AS13, AS14 ; SELECTING CONDITION OF ADDRESS DECODER AS13 AND AS14 BITS
CCLK ; 8-BIT COUNTER CLOCK INPUT
CE ; CHIP ENABLE
CTL ; RESOLUTION 2.5MHz WITH EDGE SELECT FUNCTION.
WITH FREQUENCY DIVISION MASK TIMER
EXTAL ; CRYSTAL OSCILLATION OR EXTERNAL CLOCK INPUT
FG0 ; RESOLUTON 2.5MHz
FG00 - FG02 ; FREQUENCY DIVISION ENABLE RESOLUTION 2.5MHz.
WITH FREQUENCY DIVISION MASK TIMER
FG1 ; RESOLUTION 2.5MHz BOTH EDGES
FG10 ; EDGE SELECTION ENABLE RESOLUTION 10MHz
FG11, FG12 ; FREQUENCY DIVISION ENABLE RESOLUTION 10MHz
FGA0 ; PERFORMS FORWARD/REVERSE ROTATION DETECTION
AND 4FG COUNT (UP/DOWN) BY FGA0 AND FGA1. 10BITS. UP/DOWN IS MADE BY
CONTROLLING THE UP/DOWN OF 8-BIT COUNTER.
FGA1 ; 4FG PERFORMS FREQUENCY DIVISION AND FRC CAPTURE
THROUGH MASK TIMER.
∗1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
THE MASK TIMER.
FGB0 ; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT
BY FGB0 AND FGB1.
FGB1 ; ∗1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
THE MASK TIMER.
FGC0 ; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT
BY FGC0 AND FGC1.
FGC1 ; ∗1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
THE MASK TIMER.
FXSEL ; FREQUENCY DIVISION SELECTION CLOCK INPUT
LAT ; EXTERNAL LATCH TIMING OF UP/DOWN COUNTER
MD0, 1 ; TEST MODE DESIGNATION
PBH ; INPUT OF COMPOSITE SYNC OR H SYNC.
RESOLUTION 10MHz. WITH HALF H KILLER.
RD ; REDE
RES ; RESET
SYNC0, 1 ; INPUT OF COMPOSITE SYNC OR V SYNC. RESOLUTION 2.5MHz
UD ; 8-BIT COUNTER UP/ DOWN INPUT
WR ; WRITE

OUTPUT

CLKO ; CLOCK OUTPUT
EXCS0, 1 ; DECODE AT ADDRESS A3 LEVEL
IREQ0 ; INTERRUPTION SIGNAL OF FRC CAPTURE UNIT
IREQ1 ; COINCIDENCE INTERRUPTION OF PPG0
IREQ2 ; COINCIDENCE INTERRUPTION OF PPG1
OP26 ; EXCLUSIVELY OUTPUT PORT
PPG00 - PPG0F
PPG10 - PPG13 ; PROGRAMMABLE PULSE GENERATOR RESOLUTION 1.25MHz
PPG00 : WITH HLOCK
PWM0 - PWM5 ; PWM OUTPUT NORMALLY PWM, OR PWM0 AND PWM1, PWM2 AND PWM3,
OR PWM4 AND PWM5 OUTPUT SIGNAL CORRESPONDED TO PUSH-PULL.
PWM6, 7 ; PWM OUTPUT
XTAL ; CRYSTAL OSCILLATION

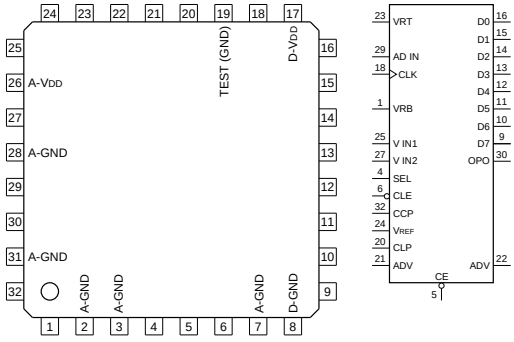
INPUT/OUTPUT

D0 - D7 ; DATA BUS
IOP0 - IOP7 ; SELECTS AND USES INPUT AND OUTPUT BY EVERY 1 BIT.


FG10 / IP25
100
FG11 / IP26
99
FG12 / IP27
98
FG00 / IP12
8
FG01 / IP13
7
FG02 / IP14
6
FG0 / IP23
2
FG1 / IP24
1
SYNC0 / IP20
5
SYNC1 / IP21
4
PBH / IP22
3
CTL / IP11
9
UD / IP07
12
CCLK / IP06
13
FGA0 / IP00
19
FGA1 / IP01
18
FGB0 / IP02
17
FGB1 / IP03
16
FGC0 / IP04
15
FGC1 / IP05
14
LAT / IP10
10
1/N
MASK TIM
VSEP FRM
HALF H KILL
SELECT
8-BIT U/D COUNT
F/R 4FG
10-BIT U/D COUNT
LATCH
LATCH PULSE
FRC 19-BIT
FIFO 14-BIT ✻14
16-BIT ✻14
ADDRESS DECORD
COMPARE
FIFO 16-BIT ✻9
FIFO 16-BIT ✻2
8-BIT ✻2
PWM
H-LOCK
67 - 69
IREQ2 - IREQ0
51 - 58
D7 - D0
41 - 50
A15 - A13, A6 - A0
39, 40
AS14, 13
64
WR
65
RD
66
CE
78 - 85, 90 - 97
PPGOF-OO / OP17 - 00
97
V-SWITCHING PULSE
74 - 77
PPG10 - 13 / OP23 - 20
30 - 37
PWM7 - 0 / OP37 - 30

CXD2301Q-T4 (SONY)

C-MOS 8-BIT VIDEO A/D CONVERTER
—TOP VIEW—



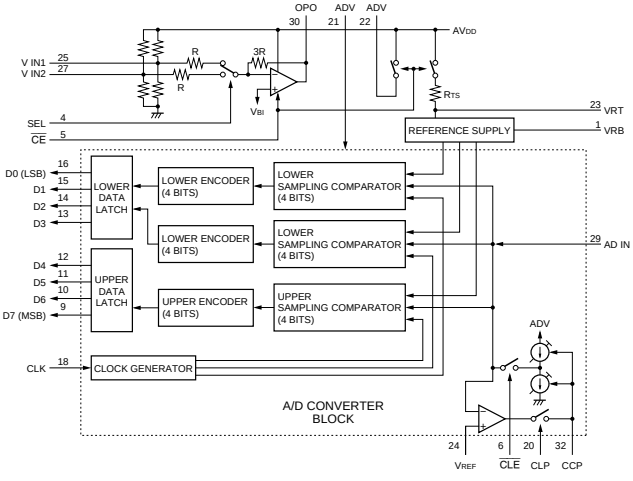
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	VRB	17	—	D-VDD
2	—	A-GND	18	I	CLK
3	—	A-GND	19	—	TEST
4	I	SEL	20	I	CLP
5	I	$\overline{CE}$	21	I	ADV
6	I	$\overline{CLE}$	22	O	ADV
7	—	A-GND	23	I	VRT
8	—	D-GND	24	I	VREF
9	O	D7 (MSB)	25	I	V IN1
10	O	D6	26	—	A-VDD
11	O	D5	27	I	V IN2
12	O	D4	28	—	A-GND
13	O	D3	29	I	AD IN
14	O	D2	30	O	OPO
15	O	D1	31	—	A-GND
16	O	D0 (LSB)	32	I	CCP

INPUT

AD IN	: ANALOG SIGNAL
ADV	: CAPACITOR CONNECTION
CCP	: CLAMP CONTROL VOLTAGE
$\overline{CE}$	: STANDBY MODE ON/OFF
$\overline{CLE}$	: CLAMP ENABLE
CLK	: A/D CLOCK
CLP	: CLAMP PULSE
SEL	: OP-AMP INPUT SELECT
V IN1, V IN2	: OP-AMP INPUT
VREF	: CLAMP REFERENCE VOLTAGE
VRB	: REFERENCE VOTAGE (BOTTOM)
VRT	: REFERENCE VOTAGE (TOP)

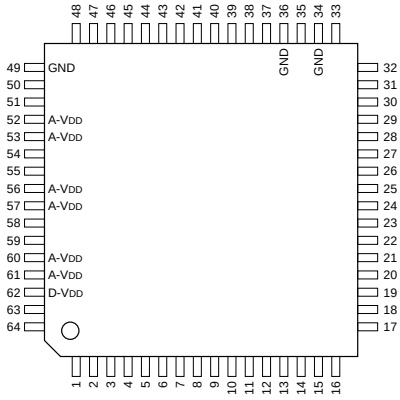
OUTPUT

D0 - D7	: DATA
ADV	: CAPACITOR CONNECTION
OPO	: OP-AMP OUTPUT

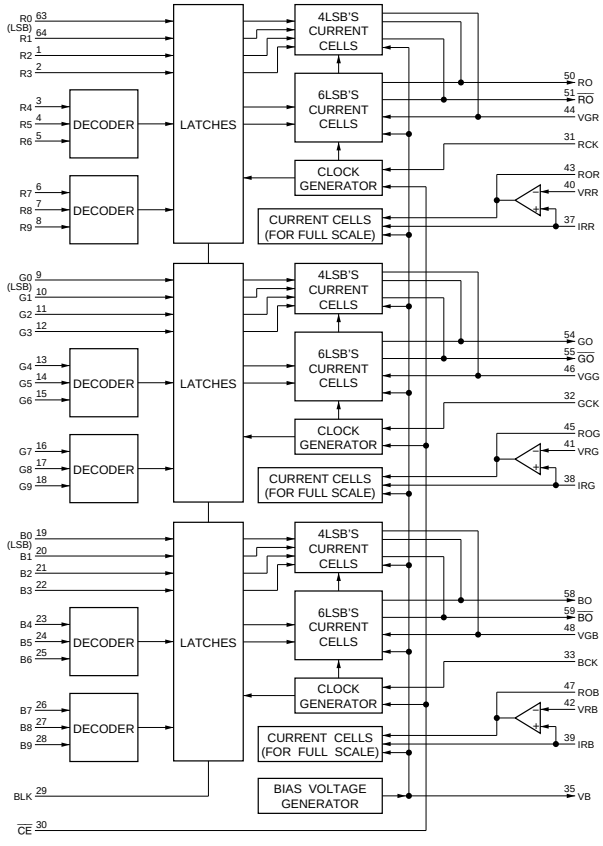


CXD2307R (SONY)
CXD2307R-T6 (SONY)

C-MOS 10-BIT 50 MSPS RGB 3CHANNEL D/A CONVERTER
—TOP VIEW—



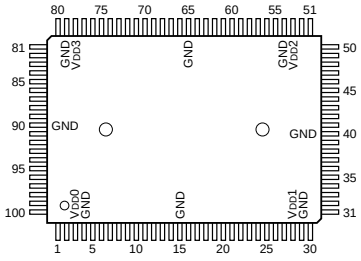
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	R2	17	I	G8	33	I	BCK	49	—	GND
2	I	R3	18	I	G9	34	—	GND	50	O	RO
3	I	R4	19	I	B0 (LSB)	35	O	VB	51	O	$\overline{RO}$
4	I	R5	20	I	B1	36	—	GND	52	—	A-VDD
5	I	R6	21	I	B2	37	I	IRR	53	—	A-VDD
6	I	R7	22	I	B3	38	I	IRG	54	O	GO
7	I	R8	23	I	B4	39	I	IRB	55	O	$\overline{GO}$
8	I	R9	24	I	B5	40	I	VRR	56	—	A-VDD
9	I	G0 (LSB)	25	I	B6	41	I	VRG	57	—	A-VDD
10	I	G1	26	I	B7	42	I	VRB	58	O	BO
11	I	G2	27	I	B8	43	I	ROR	59	O	$\overline{BO}$
12	I	G3	28	I	B9	44	I	VGR	60	—	A-VDD
13	I	G4	29	I	BLK	45	I	ROG	61	—	A-VDD
14	I	G5	30	I	$\overline{CE}$	46	I	VGG	62	—	D-VDD
15	I	G6	31	I	RCK	47	I	ROB	63	I	R0 (LSB)
16	I	G7	32	I	GCK	48	I	VGB	64	I	R1



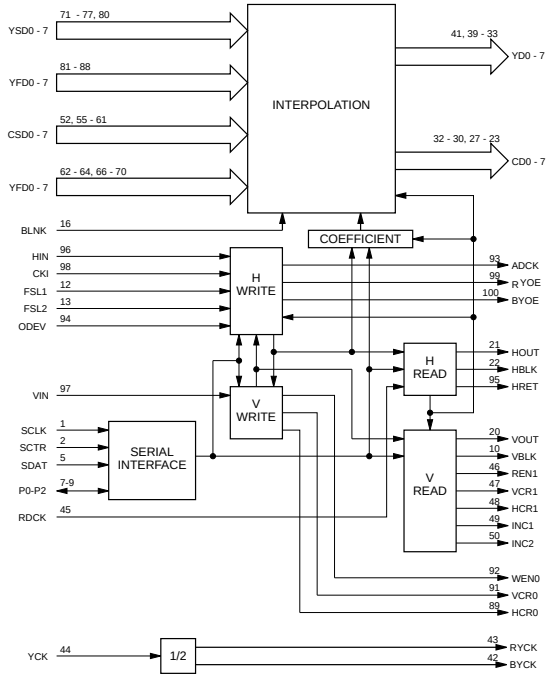
CXD2428Q (SONY)

C-MOS VIDEO SCAN CONVERTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	SCLK	26	O	CD4	51	I	TST6	76	I	YSD5
2	I	SCTR	27	O	CD3	52	I	CSD0	77	I	YSD6
3	—	$V_{DD}0$	28	—	$V_{DD}1$	53	—	$V_{DD}2$	78	—	$V_{DD}3$
4	—	GND	29	—	GND	54	—	GND	79	—	GND
5	I	SDAT	30	O	CD2	55	I	CSD1	80	I	YSD7
6	I	TST0	31	O	CD1	56	I	CSD2	81	I	YFD0
7	I/O	P0	32	O	CD0	57	I	CSD3	82	I	YFD1
8	I/O	P1	33	O	YD7	58	I	CSD4	83	I	YFD2
9	I/O	P2	34	O	YD6	59	I	CSD5	84	I	YFD3
10	O	VBLK	35	O	YD5	60	I	CSD6	85	I	YFD4
11	I	TST1	36	O	YD4	61	I	CSD7	86	I	YFD5
12	I	FSL1	37	O	YD3	62	I	CFD0	87	I	YFD6
13	I	FSL2	38	O	YD2	63	I	CFD1	88	I	YFD7
14	I	TST2	39	O	YD1	64	I	CFD2	89	O	HCR0
15	—	GND	40	—	GND	65	—	GND	90	—	GND
16	I	BLNK	41	O	YD0	66	I	CFD3	91	O	VCR0
17	I	TST3	42	O	BYCK	67	I	CFD4	92	O	WEN0
18	I	TST4	43	O	RYCK	68	I	CFD5	93	O	ADCK
19	I	TST5	44	I	YCK	69	I	CFD6	94	I	ODEV
20	O	VOUT	45	I	RDCK	70	I	CFD7	95	O	HRET
21	O	HOUT	46	O	REN1	71	I	YSD0	96	I	HIN
22	O	HBLK	47	O	VCR1	72	I	YSD1	97	I	VIN
23	O	CD7	48	O	HCR1	73	I	YSD2	98	I	CKI
24	O	CD6	49	O	INC1	74	I	YSD3	99	O	RYOE
25	O	CD5	50	O	INC2	75	I	YSD4	100	O	BYOE



INPUT

BLNK ; OUTPUT DATA CONTROL (H : BLACK INDICATION)
CFD0 - 7 ; B-Y/R-Y UPPER LINE DATA
CKI ; CLOCK FOR WRITE
CSD0 - 7 ; B-Y/R-Y LOWER LINE DATA
FSL1 ; FIELD DISCRIMINATION SELECT (H : INTERNAL, L : EXTERNAL)
FSL2 ; FIELD INFORMATION POLARITY SELECT
HIN ; HORIZONTAL SYNC. SIGNAL
ODEV ; FIELD INFORMATION
RDCK ; CLOCK FOR READ OUT
SCLK ; SERIAL TRANSFER CLOCK
SCTR ; SERIAL TRANSFER CONTROL
SDAT ; SERIAL TRANSFER DATA
TEST0 - 6 ; TEST
VIN ; VERTICAL SYNC. SIGNAL
YCK ; CLOCK FOR D/A CONVERTER
YFD0 - 7 ; Y UPPER LINE DATA
YSD0 - 7 ; Y LOWER LINE DATA

OUTPUT

ADCK ; CLOCK FORA/D CONVERTER
BYCK ; CLOCK FOR B-Y D/A CONVERTER
BYOE ; B-Y A/D CONVERTER ENABLE
CD0 - 7 ; B-Y/R-Y DATA
HBLK ; HORIZONTAL BLANKING SIGNAL
HCR0 ; WRITE MEMORY HORIZONTAL CLEAR
HCR1 ; READ OUT MEMORY HORIZONTAL CLEAR
HOUT ; HORIZONTAL SYNC. SIGNAL
HRET ; OUTPUT FOR PHASE COMPARATOR
INC1, 2 ; READ OUT MEMORY LINE INCREMENT
REN1 ; READ OUT MEMORY ENABLE
RYCK ; CLOCK FOR R-Y D/A CONVERTER
RYOE ; R-Y A/D CONVERTER ENABLE
VBLK ; VERTICAL BLANKING SIGNAL
VCR0 ; WRITE MEMORY VERTICAL CLEAR
VCR1 ; READ OUT MEMORY VERTICAL CLEAR
VOUT ; VERTICAL SYNC. SIGNAL
WEN0 ; WRITE MEMORY ENABLE
YD0 - 7 ; Y DATA

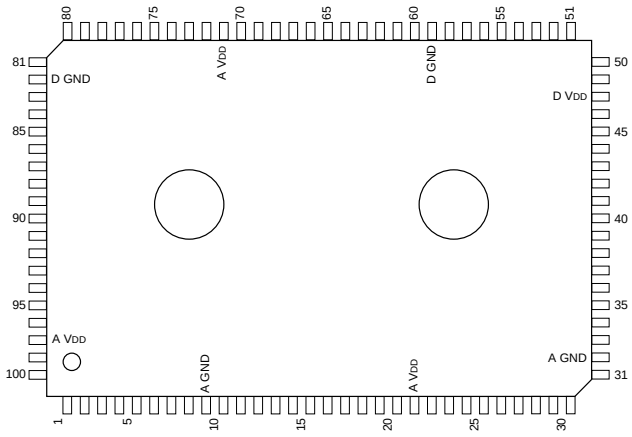
INPUT/OUTPUT

P0 - 2 ; I/O PORT

CXD2221Q (SONY)

C-MOS WRITE CLOCK GENERATORE FOR TBC

—TOP VIEW—



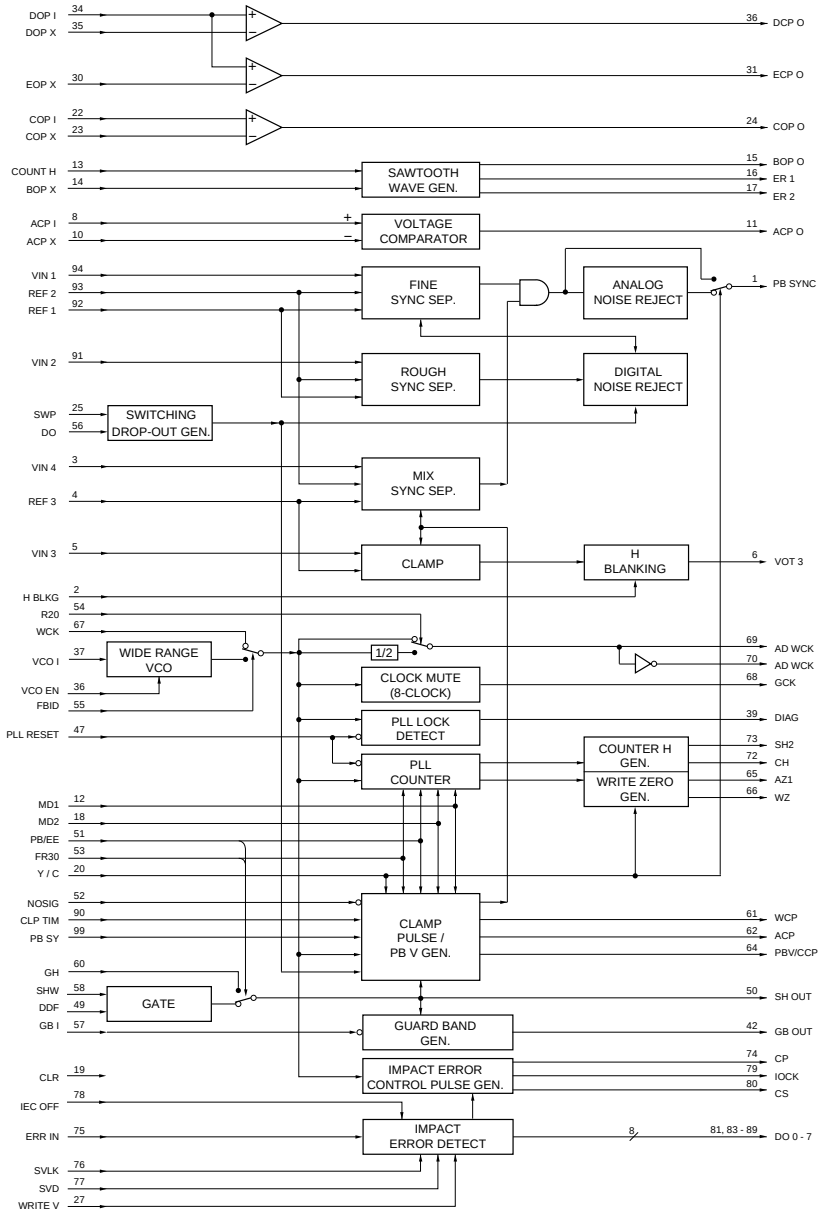
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	PB SYNC	21	—	A VDD	41	O	ADSW	61	O	WCP	81	O	DO 0
2	I	H BLKG	22	I	COP I	42	O	GB OUT	62	O	ACP	82	—	D GND
3	I	VIN 4	23	I	COP X	43	O	TEST OUT0	63	O	TOUT	83	O	DO 1
4	I	REF 3	24	O	COP O	44	O	TEST OUT1	64	O	PBV/CCP	84	O	DO 2
5	I	VIN 3	25	I	SWP	45	I	TEST IN2	65	O	AZ1	85	O	DO 3
6	O	VOT 3	26	I	TST	46	I	TEST IN3	66	O	WZ	86	O	DO 4
7	I	AI 3	27	I	WRITE V	47	I	$\overline{\text{PLL RESET}}$	67	I	WCK	87	O	DO 5
8	I	ACPI	28	I	$\overline{\text{TEST0}}$	48	—	D VDD	68	O	GCK	88	O	DO 6
9	—	A GND	29	I	TEST1	49	I	DDF	69	O	AD WCK	89	O	DO 7
10	I	ACP X	30	I	EOP X	50	O	SH OUT	70	O	$\overline{\text{AD WCK}}$	90	I	CLP TIM
11	O	ACP O	31	O	EOP O	51	I	$\overline{\text{PB/EE}}$	71	—	D VDD	91	I	VIN 2
12	I	MD1	32	—	A GND	52	I	$\overline{\text{NOSIG}}$	72	O	CH	92	I	REF 1
13	I	COUNT H	33	I	AI 2	53	I	$\overline{\text{FR30}}$	73	O	SH2	93	I	REF 2
14	I	BOP X	34	I	DOP I	54	I	$\overline{\text{R20}}$	74	O	CP	94	I	VIN 1
15	O	BOP O	35	I	DOP X	55	I	$\overline{\text{FBID}}$	75	I	ERR IN	95	I	AOP I
16	O	ER 1	36	O	DOP O	56	I	DO	76	I	SVLK	96	I	AOP X
17	O	ER 2	37	I	VCO I	57	I	GBI	77	I	SVD	97	O	AOP O
18	I	MD2	38	I	VCO EN	58	I	SHW	78	I	IEC OFF	98	—	A VDD
19	I	CLR	39	O	DIAG	59	—	D GND	79	O	IOCK	99	I	PB SY
20	I	Y/$\overline{\text{C}}$	40	I	DSEL	60	I	GH	80	O	CS	100	I	CCP I

INPUT

ACP I ; COMPARATOR (+)
ACP X ; COMPARATOR (–)
AI 2, 3 ; CURRENT SOURCE
AOP I ; OP AMP A (+) (REFERENCE VOLTAGE 0.7 V)
AOP X ; OP AMP A (–)
FOR SAWTOOTH WAVE GENERATION OF PB SYNC NOISE REJECTOR
BOP X ; OP AMP B (–)
FOR SAWTOOTH WAVE GENERATION OF PLL PHASE COMPARATOR
CCPI ; REFERENCE VOLTAGE (3.8 V)
CLP TIM ; CHROMA WRITE CLAMP PULSE TIMING SHIFT
CLR ; CLEAR
COP I ; OP AMP C (+)
COP X ; OP AMP C (–)
COUNT H ; COUNT H
DDF ; DOUBLE-DIFFERENTIAL PULSE
DO ; DROP-OUT PULSE
DOP I ; REFERENCE VOLTAGE INPUT FOR PLL ERROR AMP
DOP X ; PLL ERROR AMP INPUT 2
DSEL ; A/D SELECT (CONNECT TO PIN 41)
EOP X ; PLL ERROR AMP INPUT 1
ERR IN ; ERROR IN (8 BITS, SERIAL) FROM IMPACT ERROR COMPENSATION
$\overline{\text{FBID}}$; FAST BIDIREX MODE
$\overline{\text{FR30}}$; FORWARD/REVERSE 30 OR OVER TIMES MODE
$\overline{\text{GBI}}$; GUARD BAND (H ; PLL PHASE COMPARATE ENABLE)
GH ; GATED H
H BLKG ; H BLANKING PULSE
IEC OFF ; IMPACT ERROR COMPENSATION DISABLE
MD1 ; MODE SELECT (H ; 525, L ; 625)
MD2 ; MODE SELECT (H ; 13.5 MHz, L ; 14.3 MHz)
$\overline{\text{NOSIG}}$; NO SIGNAL STATUS
$\overline{\text{PB}}$ SY ; PB SYNC
PB/EE ; MODE SELECT (H ; E-E MODE, L ; PB MODE)
$\overline{\text{PLL RESET}}$; PLL COUNTER RESET
$\overline{\text{R20}}$; FREQUENCY CONTROL OF AD WCK (L ; HALF, H ; NORMAL)
REF 1 ; CLAMP LEVEL IN FOR SYNC SEPARATOR
REF 2 ; SLICE LEVEL IN FOR SYNC SEPARATOR
REF 3 ; CLAMP LEVEL IN FOR H BLANKING GENERATOR
SHW ; SWITCHING WINDOW PULSE
SVD ; SERVO LOCK VD
SVLK ; SERVO LOCK SIGNAL
SWP ; SWITCHING PULSE
TEST IN 2, 3 ; FOR TEST
TEST0, 1 ; FOR TEST
TST ; FOR TEST
VCO EN ; INTERNAL VCO ENABLE
VCO I ; INTERNAL VCO ERROR VOLTAGE
VIN 1 ; VIDEO IN FOR FINE SYNC SEPARATOR
VIN 2 ; VIDEO IN FOR ROUGH SYNC SEPARATOR
VIN 3 ; VIDEO IN FOR H BLANKING GENERATOR
VIN 4 ; VIDEO IN FOR MIX SYNC SEPARATOR
WCK ; WRITE CLOCK
WRITE V ; WRITE V
Y/$\overline{\text{C}}$; MODE SELECT (H ; Y MODE, L ; C MODE)

OUTPUT

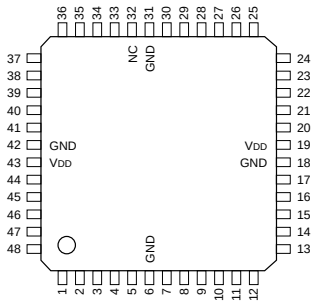
ACP ; ADVACE WRITE CLAMP PULSE
ACP O ; COMPARATOR
AD WCK ; WRITE CLOCK FOR A/D CONVERTER
ADSW ; A/D SWITCH (CONNECT TO PIN 40)
AOP O ; A SAWTOOTH WAVE FOR PB SYNC NOISE REJECT
AZ1 ; ADVANCE WRITE ZERO
BOP O ; A SAWTOOTH WAVE FOR PLL PHASE COMPARATE
CH ; COUNT H
CP ; CLAMP PULSE FOR IMPACT ERROR COMPENSATION
CS ; CHIP SELECT FOR IMPACT ERROR A/D CONVERTR
DIAG ; DIAGNOSTIC
DO 0 - 7 ; IMPACT ERROR COMPENSATION DATA (8 BITS)
DOP O ; PLL ERROR AMP OUTPUT 2
ER 1 ; PLL ERROR
ER 2 ; AFC ERROR
EOP O ; PLL ERROR AMP OUTPUT 1
GB OUT ; GUARD BAND
GCK ; GATED WRITE CLOCK
IOCK ; CLOCK FOR IMPACT ERROR A/D CONVERTER
PB SYNC ; PB SYNC
PBV/CCP ; Y MODE; PB V
C MODE; CENTER WRITE CLAMP PULSE FOR CTDM SIGNAL
SH OUT ; SAMPLING & HOLD PULSE
SH2 ; SAMPLING PULSE FOR AFC
TEST OUT0, 1 ; FOR TEST
TOUT ; FOR TEST
VOT 3 ; H BLANKING
WCP ; WRITE CLAMP PULSE
WZ ; WRITE ZERO


DOP I
DOP X
EOP X
COP I
COP X
COUNT H
BOP X
ACP I
ACP X
VIN 1
REF 2
REF 1
VIN 2
SWP
DO
VIN 4
REF 3
VIN 3
H BLKG
R20
WCK
VCO I
VCO EN
FBID
PLL RESET
MD1
MD2
PB/EE
FR30
Y / C
NOSIG
CLP TIM
PB SY
GH
SHW
DDF
GB I
CLR
IEC OFF
ERR IN
SVLK
SVD
WRITE V
SAWTOOTH WAVE GEN.
VOLTAGE COMPARATOR
FINE SYNC SEP.
ROUGH SYNC SEP.
MIX SYNC SEP.
CLAMP
SWITCHING DROP-OUT GEN.
WIDE RANGE VCO
1/2
CLOCK MUTE (8-CLOCK)
PLL LOCK DETECT
PLL COUNTER
CLAMP PULSE / PB V GEN.
GATE
GUARD BAND GEN.
IMPACT ERROR CONTROL PULSE GEN.
IMPACT ERROR DETECT
ANALOG NOISE REJECT
DIGITAL NOISE REJECT
H BLANKING
COUNTER H GEN.
WRITE ZERO GEN.
DCP O
ECP O
COP O
BOP O
ER 1
ER 2
ACP O
PB SYNC
VOT 3
AD WCK
AD WCK
GCK
DIAG
SH2
CH
AZ1
WZ
WCP
ACP
PBV/CCP
SH OUT
GB OUT
CP
IOCK
CS
81, 83 - 89
DO 0 - 7

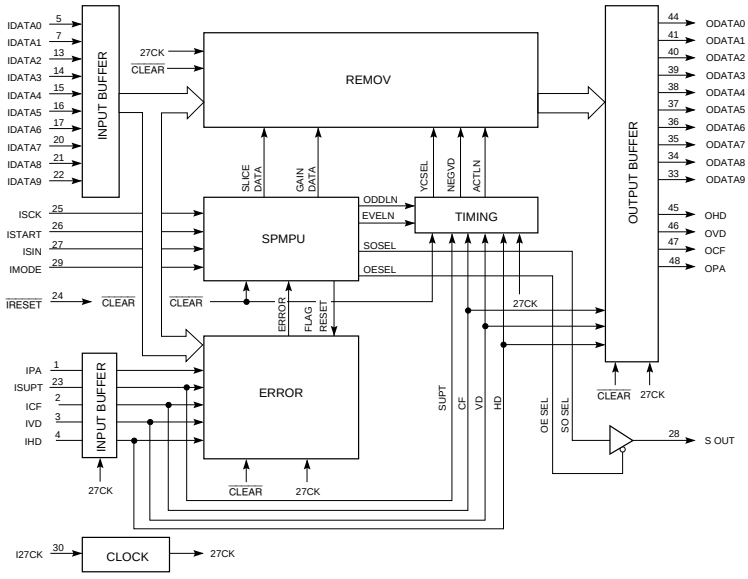
CXD303-101Q (SONY)

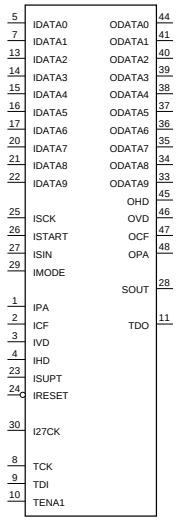
C-MOS SETUP ADD /REMOVE

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	IPA	13	I	IDATA2	25	I	ISCK	37	O	ODATA5
2	I	ICF	14	I	IDATA3	26	I	ISTART	38	O	ODATA4
3	I	IVD	15	I	IDATA4	27	I	ISIN	39	O	ODATA3
4	I	IHD	16	I	IDATA5	28	O	SOUT	40	O	ODATA2
5	I	IDATA0	17	I	IDATA6	29	I	IMODE	41	O	ODATA1
6	—	GND	18	—	GND	30	I	I27CK	42	—	GND
7	I	IDATA1	19	—	VDD	31	—	GND	43	—	VDD
8	I	TCK	20	I	IDATA7	32	—	NC	44	O	ODATA0
9	I	TDI	21	I	IDATA8	33	O	ODATA9	45	O	OHD
10	I	TENA1	22	I	IDATA9	34	O	ODATA8	46	O	OVD
11	O	TDO	23	I	ISUPT	35	O	ODATA7	47	O	OCF
12	—	VST	24	I	$\overline{\text{IRESET}}$	36	O	ODATA6	48	O	OPA





INPUT

I27CK : SYSTEM CLOCK (27 MHz)
ICF : COLOR FRAMING DATA
IDATA0 - IDATA9
: 4 : 2 : 2 PARALLEL DATA
IHD : HD
IMODE : SERIAL COMMUNICATION FORMAT SELECT
(1 : ANALOG TBC PLAYBACK COMMUNICATION FORMAT,
0 : DIGITAL β CAM RECORD COMMUNICATION FORMAT)
IPA : PARITIY DATA
IRESET : SYSTEM RESET
ISCK : SERIAL COMMUNICATION CLOCK
ISIN : SERIAL COMMUNICATION DATA
ISTART : SERIAL COMMUNICATION START PULSE
ISURT : HALF H BLANKING TIMING PULSE
IVD : VD
TCK : SMART CHECK TERMINAL
TDI : SMART CHECK TERMINAL
TENA1 : SMART CHECK TERMINAL

OUTPUT

OCF : COLOR FRAMING DATA
ODATA0 - ODATA9
: 4 : 2 : 2 PARALLEL DATA
OHD : HD
OPA : PARITY DATA
OVD : VD
SOUT : SERIAL COMMUNICATION DATA
TDO : SMART CHECK TERMINAL

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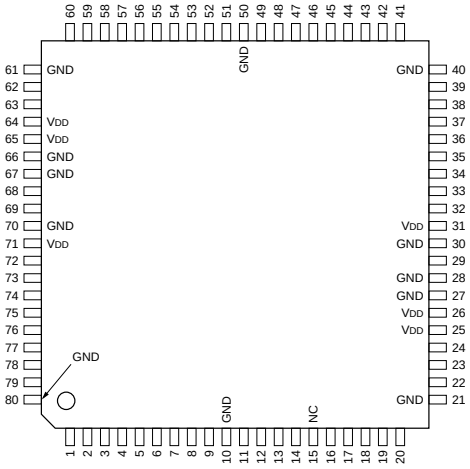
CXD303-119R (SONY)

C-MOS JOG/SHUTTLE CONTROLLER

—TOP VIEW—

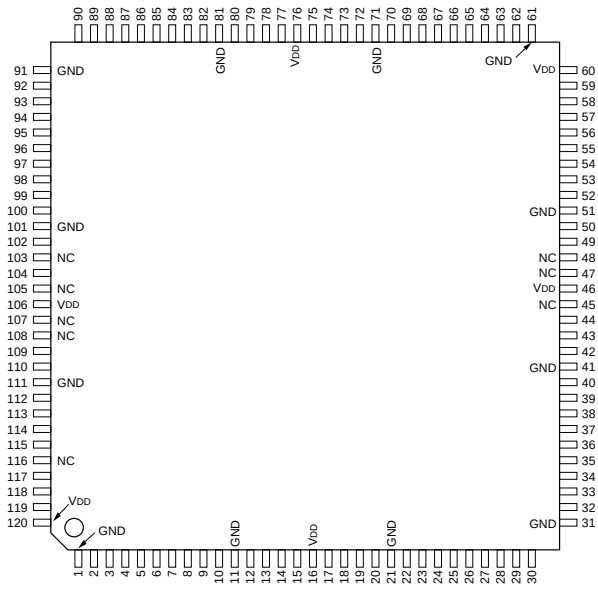


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	RESET	21	—	GND	41	I/O	CPUBUS7	61	—	GND
2	I	OSEL4	22	I	CAPTJS	42	I/O	CPUBUS6	62	I	CAPTA
3	I	OSEL3	23	I	JSCLR	43	I/O	CPUBUS5	63	I	CAPTB
4	I	OSEL2	24	I	CAPTIO	44	I/O	CPUBUS4	64	—	VDD
5	I	OSEL1	25	—	VDD	45	I/O	CPUBUS3	65	—	VDD
6	I	OSEL0	26	—	VDD	46	I/O	CPUBUS2	66	—	GND
7	O	CDIRO	27	—	GND	47	I/O	CPUBUS1	67	—	GND
8	I	CDIRI	28	—	GND	48	I/O	CPUBUS0	68	I	MDTES
9	O	CFG4	29	I	CK	49	I	CS	69	O	CFP
10	—	GND	30	—	GND	50	—	GND	70	—	GND
11	I	CFGA	31	—	VDD	51	I/O	IO7	71	—	VDD
12	I	CFGB	32	I	SRFGA	52	I/O	IO6	72	I	PBCTL
13	I	CFGC	33	I	SRFGB	53	I/O	IO5	73	I	CPUCTL
14	I	CFGD	34	O	SRDIRO	54	I/O	IO4	74	I	CTLRST
15	—	NC	35	I	TEST FG4	55	I/O	IO3	75	O	DIVCTL
16	—	TCK	36	I	TEST DIR	56	I/O	IO2	76	O	EDITCTL
17	—	TDI	37	I	TRFGA	57	I/O	IO1	77	I	CTLSEL2
18	—	TENA1	38	I	TRFGB	58	I/O	IO0	78	I	CTLSEL1
19	—	TDO	39	O	TRDIRO	59	I	IOSEL	79	I	CTLSEL0
20	—	VST	40	—	GND	60	I	H PAL	80	—	GND

CXD8280AQ (SONY)

C-MOS DIGITAL AUDIO TIME BASE EXPANSION FOR SIF RECEIVER

—TOP VIEW—

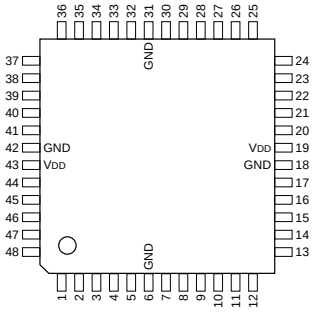


PIN NO.	I/O	SIGNAL	DESCRIPTION	PIN NO.	I/O	SIGNAL	DESCRIPTION
1	—	GND		61	—	GND	
2	I	XMM	TEST	62	I	OECRD	OUTPUT ENABLE FOR PIN 52 - 59
3	I	CLR	POWER ON CLEAR	63	I	CRA0	BUS READ ADDRESS 0
4	O	HIGH	TEST (ALWAYS H)	64	I	CRA1	BUS READ ADDRESS 1
5	O	RERR	TEST (R-ERROR)	65	I	CRA2	BUS READ ADDRESS 2
6	O	MON4	TEST (DELAY CH-4)	66	I	CRA3	BUS READ ADDRESS 3
7	O	MON3	TEST (DELAY CH-3)	67	I	CRA4	BUS READ ADDRESS 4
8	O	MON2	TEST (DELAY CH-2)	68	I	CRA5	BUS READ ADDRESS 5
9	O	MON1	TEST (DELAY CH-1)	69	I	DRA6	BUS READ ADDRESS 6
10	I	OEMON	OUTPUT ENABLE FOR PIN 4 - 9	70	I	CREN	BUS ADDRESS LATCH ENABLE
11	—	GND		71	—	GND	
12	I	ITA	TEST	72	O	ERROR1	CH-1 ERROR FLAG
13	I	ITB	TEST	73	O	ERROR2	CH-2 ERROR FLAG
14	I	ITC	TEST	74	O	ERROR3	CH-3 ERROR FLAG
15	I	ITD	TEST	75	O	ERROR4	CH-4 ERROR FLAG
16	—	VDD		76	—	VDD	
17	I	INTP4	CH-4 AUDIO INTERPOLATE	77	O	EXIST1	CH-1 EXIST
18	I	INTP3	CH-3 AUDIO INTERPOLATE	78	O	EXIST2	CH-2 EXIST
19	I	INTP2	CH-2 AUDIO INTERPOLATE	79	O	EXIST3	CH-3 EXIST
20	I	INTP1	CH-1 AUDIO INTERPOLATE	80	O	EXIST4	CH-4 EXIST
21	—	GND		81	—	GND	
22	I	CHEX1	CHANNEL EXCHANGE 1	82	O	DIDPER	DID PARITY ERROR
23	I	CHEX0	CHANNEL EXCHANGE 0	83	O	DIDERR	DID UNMATCH ERROR
24	I	AFS	AUDIO FORMAT SELECT	84	O	DBNPER	DBN PARITY ERROR
25	I	LRS	AUDIO LEFT/RIGHT BIT SELECT	85	O	DBNERR	DBN UNCONTINUITY ERROR
26	I	DIR	AUDIO LSB/MSB FIRST SELECT	86	O	DCPER	DC PARITY ERROR
27	I	20/16	AUDIO 20-BIT/16-BIT SELECT	87	O	DCERR	DC UNMATCH ERROR
28	O	WERR	TEST (W-ERROR)	88	O	UDPER	UD PARITY ERROR
29	O	Z3/4	CH-3/4 BLOCK SYNC (Z-FLAG)	89	O	CSERR	CHECKSUM ERROR
30	O	Z1/2	CH-1/2 BLOCK SYNC (Z-FLAG)	90	I	OEERR	OUTPUT ENABLE FOR PIN 82 - 89
31	—	GND		91	—	GND	
32	O	C3/4	CH-3/4 CHANNEL STATUS BIT	92	I	VIDEO0	VIDEO DATA 0
33	O	C1/2	CH-1/2 CHANNEL STATUS BIT	93	I	VIDEO1	VIDEO DATA 1
34	O	U3/4	CH-3/4 USER BIT	94	I	VIDEO2	VIDEO DATA 2
35	O	U1/2	CH-1/2 USER BIT	95	I	VIDEO3	VIDEO DATA 3
36	O	V3/4	CH-3/4 VALIDITY FLAG	96	I	VIDEO4	VIDEO DATA 4
37	O	V1/2	CH-1/2 VALIDITY FLAG	97	I	VIDEO5	VIDEO DATA 5
38	O	AD3/4	CH-3/4 AUDIO DATA	98	I	VIDEO6	VIDEO DATA 6
39	O	AD1/2	CH-1/2 AUDIO DATA	99	I	VIDEO7	VIDEO DATA 7
40	I	OEAD	OUTPUT ENABLE FOR PIN 29 - 39	100	I	VIDEO8	VIDEO DATA 8
41	—	GND		101	—	GND	
42	I	BCK	AUDIO BIT CLOCK	102	I	VIDEO9	VIDEO DATA 9
43	I	LRCK	AUDIO L/R CLOCK	103	—	NC	
44	O	CMYW	TEST	104	I	525/625	525/625 SELECT
45	—	NC		105	—	NC	
46	—	VDD		106	—	VDD	
47	—	NC		107	—	NC	
48	—	NC		108	—	NC	
49	I	TEST	TEST	109	—	NC	
50	I	CRCK	BUS ADDRESS LATCH CLOCK	110	I	VCK	VIDEO CLOCK
51	—	GND		111	—	GND	
52	O	CRD7	BUS READ DATA 7	112	I	D2/D1	D2/D1 SELECT
53	O	CRD6	BUS READ DATA 6	113	I	DID1	DID BIT1
54	O	CRD5	BUS READ DATA 5	114	I	DID2	DID BIT2
55	O	CRD4	BUS READ DATA 4	115	I	ERDB	ERROR OVERRIDE FOR DEBUG
56	O	CRD3	BUS READ DATA 3	116	—	NC	
57	O	CRD2	BUS READ DATA 2	117	O	EDHF	EDH FULL FIELD ERROR
58	O	CRD1	BUS READ DATA 1	118	O	EDHA	EDH ACTIVE PICTURE ERROR
59	O	CRD0	BUS READ DATA 0	119	O	OVFS	TEST
60	—	VDD		120	—	VDD	

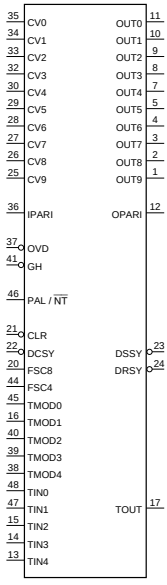
CXD304-106Q (SONY)

C-MOS 10-BIT PEDESTAL LEVEL REPLACEMENT OF COMPOSITE SIGNAL

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OUT9	13	I	TIN4	25	I	CV9	37	I	$\overline{OVD}$
2	O	OUT8	14	I	TIN3	26	I	CV8	38	I	TMOD4
3	O	OUT7	15	I	TIN2	27	I	CV7	39	I	TMOD3
4	O	OUT6	16	I	TMOD1	28	I	CV6	40	I	TMOD2
5	O	OUT5	17	O	TOUT	29	I	CV5	41	I	$\overline{GH}$
6	—	GND	18	—	GND	30	I	CV4	42	—	GND
7	O	OUT4	19	—	VDD	31	—	GND	43	—	VDD
8	O	OUT3	20	I	FSC8	32	I	CV3	44	I	FSC4
9	O	OUT2	21	I	$\overline{CLR}$	33	I	CV2	45	I	TMOD0
10	O	OUT1	22	I	$\overline{DCSY}$	34	I	CV1	46	I	PAL / $\overline{NT}$
11	O	OUT0	23	O	$\overline{DSSY}$	35	I	CV0	47	I	TIN1
12	O	OPARI	24	O	$\overline{DRSY}$	36	I	IPARI	48	I	TIN0



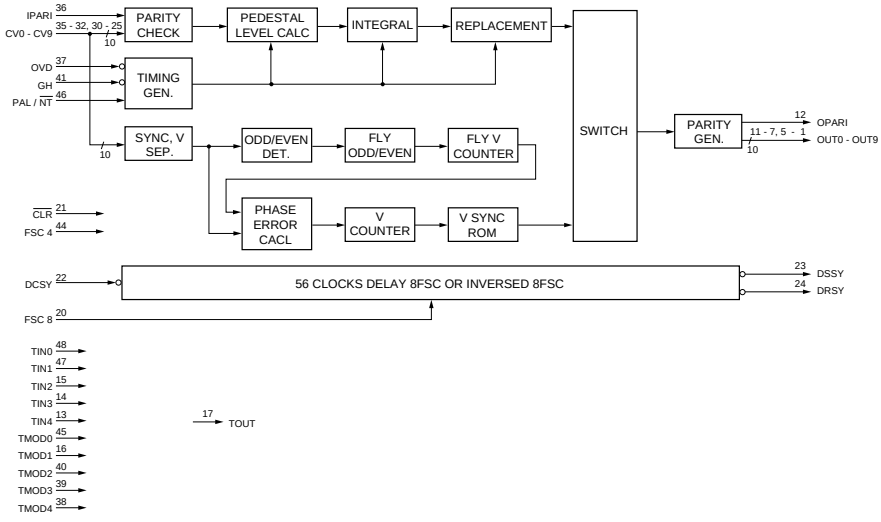
INPUT

$\overline{CLR}$	:	POWER ON RESET
CV0 - CV9	:	10-BIT COMPOSITE DATA
$\overline{DCSY}$	:	ANALOG SYNC
FSC4	:	4 fsc CLOCK
FSC8	:	8 fsc CLOCK
$\overline{GH}$	:	GH (GATED H) FROM CXD8819AQ
IPARI	:	PARITY OF INPUT DATA
$\overline{OVD}$	:	OUTPUT VD FROM CXD8819AQ
PAL / $\overline{NT}$	:	H : PAL, L : NTSC
TIN0 - TIN4	:	TEST PIN : OPEN
TMOD0 - TMOD4	:	TEST PIN : OPEN

OUTPUT

$\overline{DRSY}$	:	ANALOG DELAYED SYNC ($\overline{8\ fsc}$: 56-CLOCK)
$\overline{DSSY}$	:	ANALOG DELAYED SYNC (8 fsc : 56-CLOCK)
OPARI	:	PARITY OF OUTPUT DATA
OUT0 - OUT9	:	10-BIT COMPOSITE DATA
TOUT	:	TEST PIN

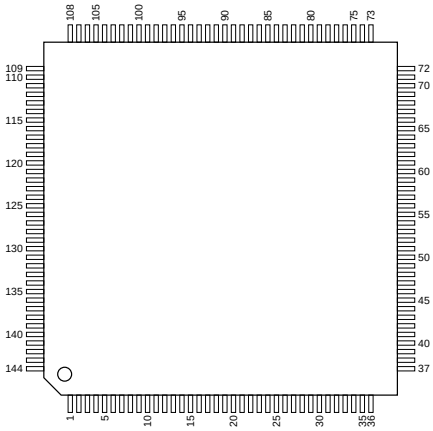
INPUT COMPOSITE VIDEO (From DIGITAL FILTER)



CXD606-101R (SONY)

RATE CONVERTER FOR 3-CCD CAMERA

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	Vcc	37	—	Vcc	73	—	Vcc	109	—	Vcc
2	—	GND	38	—	GND	74	—	GND	110	—	GND
3	O	VCR5	39	I	PB	75	I/O	CCB7	111	O	DHD
4	O	VCR6	40	I	PS	76	I/O	CCB6	112	O	DVD
5	O	VCR7	41	I	TSTDIN4	77	I/O	CCB5	113	O	DSYNC
6	O	VCR8	42	I	TSTDIN3	78	I/O	CCB4	114	O	DCF
7	O	VCR9	43	I	TSTDIN2	79	I/O	CCB3	115	O	DBLKG
8	—	GND	44	I	TSTDIN1	80	I/O	CCB2	116	I/O	VYC0
9	—	GND	45	—	GND	81	—	GND	117	—	GND
10	I	VCRBCNT	46	I	CK10	82	I/O	CCB1	118	I/O	VYC1
11	I	TSTDIN11	47	—	GND	83	I/O	CCB0	119	I/O	VYC2
12	I	TSTDIN10	48	I	TSTDIN0	84	I/O	CCR10	120	I/O	VYC3
13	I	TSTDIN9	49	I	$\overline{\text{TSTRST}}$	85	I/O	CCR9	121	I/O	VYC4
14	I	TSTDIN8	50	I	TSTSEL	86	I/O	CCR8	122	I/O	VYC5
15	I	TSTDIN7	51	—	GND	87	I/O	CCR7	123	I/O	VYC6
16	I	TSTDIN6	52	I	CK3D	88	I/O	CCR6	124	I/O	VYC7
17	I	TSTDIN5	53	—	GND	89	I/O	CCR5	125	I/O	VYC8
18	—	Vcc	54	—	Vcc	90	—	Vcc	126	—	Vcc
19	—	GND	55	—	GND	91	—	GND	127	—	GND
20	—	GND	56	O	CK2COMP	92	I/O	CCR4	128	I/O	VYC9
21	I/O	SDA3	57	I	CK2D	93	I/O	CCR3	129	I/O	VCRB0
22	I/O	SDA2	58	O	CK2COMN	94	I/O	CCR2	130	I/O	VCRB1
23	I/O	SDA1	59	—	GND	95	I/O	CCR1	131	I/O	VCRB2
24	I/O	SDA0	60	O	VCK	96	I/O	CCR0	132	I/O	VCRB3
25	I	SCK	61	—	GND	97	I/O	CY10	133	I/O	VCRB4
26	I	CS	62	—	GND	98	I/O	CY9	134	I/O	VCRB5
27	I	IOEN	63	I	CF	99	I/O	CY8	135	I/O	VCRB6
28	I	SRST	64	I	VD	100	I/O	CY7	136	I/O	VCRB7
29	I	TEST	65	I	HD	101	I/O	CY6	137	I/O	VCRB8
30	—	GND	66	—	GND	102	—	GND	138	—	GND
31	I	BC1	67	I	$\overline{\text{TRST1}}$	103	I/O	CY5	139	I/O	VCRB9
32	I	TCK	68	I	$\overline{\text{TRST2}}$	104	I/O	CY4	140	O	VCR0
33	I	TDI	69	—	GND	105	I/O	CY3	141	O	VCR1
34	I	TENA1	70	I/O	CCB10	106	I/O	CY2	142	O	VCR2
35	O	TDO	71	I/O	CCB9	107	I/O	CY1	143	O	VCR3
36	I	VST	72	I/O	CCB8	108	I/O	CY0	144	O	VCR4

INPUTS

CF	: COLOR FLAMING PULSE
CK1D	: CAMERA CLOCK
CK2D	: 27 MHz OR 28 MHz OR 36 MHz
CK3D	: VCR 27 MHz
CS	: CHIP SELECT
HD	: HD
IOEN	: IN/OUT ENABLE
PB	: $\overline{\text{REC}}$/PLAY BACK CONTROL
PS	: POWER SAVE ON/$\overline{\text{OFF}}$
SCK	: SERIAL CLOCK
VCRBCNT	: VCR B CONTROL/$\overline{\text{OUTPUT}}$
VD	: VD

OUTPUTS

CK2COMN	: CK2 PLL COMN
CK2COMP	: CK2 PLL COMP
DBLKG	: DIGITAL BLANKING
DCF	: DIGITAL COLOR FLAMING PULSE
DHD	: DIGITAL HD
DSYNC	: DIGITAL SYNC
DVD	: DIGITAL VD
VCK	: 27 MHz CLOCK
VCR0 - VCR9	: VCR R-Y

INPUTS/OUTPUTS

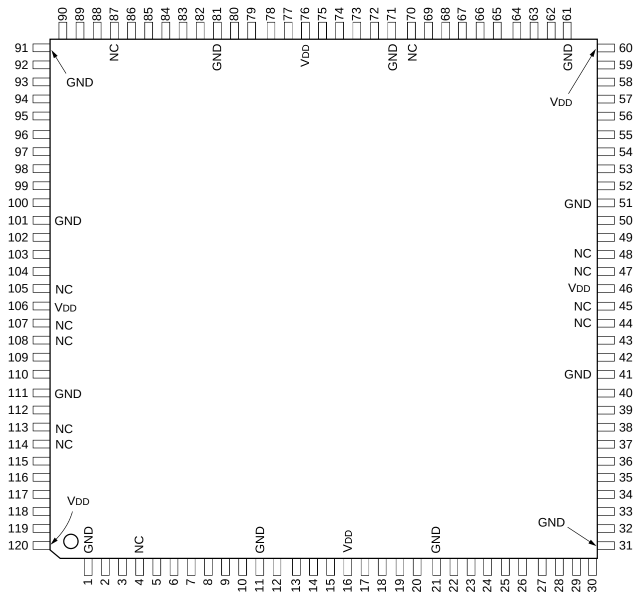
CCB0 - CCB10	: CAMERA B-Y 0 - 10
CCR0 - CCR10	: CAMERA R-Y 0 - 10
CY0 - CY10	: CAMERA Y 0 - 10
SDA0 - SDA3	: SERIAL DATA 0 - 3
VCRB0 - VCRB9	: VCR R-Y, B-Y 0 - 9
VYC0 - VYC9	: VCR Y 0 - 9

OTHERS

BC1	: CROSS CHECK
SRST	: LSI TEST
TCK	: CROSS CHECK
TDI	: CROSS CHECK
TDO	: CROSS CHECK
TENA1	: CROSS CHECK
TEST	: LSI TEST
$\overline{\text{TRST1}}$, $\overline{\text{TRST2}}$	: LSI TEST
TSTDIN0 - TSTDIN11	: LSI TEST
TSTRST	: LSI TEST
TSTSEL	: LSI TEST
VST	: CROSS CHECK

CXD8281Q (SONY)

C-MOS DIGITAL AUDIO TIME BASE COMPRESSION FOR SIF TRANSMITER
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	31	—	GND	61	—	GND	91	—	GND
2	IU	$\overline{IT1}$	32	ID	C3/4	62	IU	CWA0 (LSB)	92	OT	AUX0 (LSB)
3	IU	$\overline{CLR}$	33	ID	C1/2	63	IU	CWA1	93	OT	AUX1
4	—	NC	34	ID	U3/4	64	IU	CWA2	94	OT	AUX2
5	O	OT1	35	ID	U1/2	65	IU	CWA3 (MSB)	95	OT	AUX3
6	O	OT2	36	ID	V3/4	66	IU	CWEN	96	OT	AUX4
7	O	OT3	37	ID	V1/2	67	IU	$\overline{IT3}$	97	OT	AUX5
8	O	OT4	38	ID	AD3/4	68	IU	$\overline{IT4}$	98	OT	AUX6
9	O	OT5	39	ID	AD1/2	69	IU	$\overline{IT5}$	99	OT	AUX7
10	O	OT6	40	ID	BCK	70	—	NC	100	OT	AUX8
11	—	GND	41	—	GND	71	—	GND	101	—	GND
12	O	OT7	42	ID	128CK	72	IU	DID0	102	OT	AUX9 (MSB)
13	O	OT8	43	IU	LRCK	73	IU	DID1	103	O	ADBT
14	O	OT9	44	—	NC	74	IU	LIM0	104	ID	$\overline{OEAUX}$
15	O	OT10	45	—	NC	75	IU	LIM1	105	—	NC
16	—	VDD	46	—	VDD	76	—	VDD	106	—	VDD
17	O	OT11	47	—	NC	77	IU	$\overline{CHS1}$	107	—	NC
18	O	OT12	48	—	NC	78	IU	$\overline{CHS2}$	108	—	NC
19	O	OT13	49	IU	$\overline{IT2}$	79	IU	$\overline{CHS3}$	109	IU	SYNC
20	O	OT14	50	IU	CWCK	80	IU	$\overline{CHS4}$	110	ID	VCK
21	—	GND	51	—	GND	81	—	GND	111	—	GND
22	IU	CHEX1	52	IU	CWD7 (MSB)	82	IU	DLY0 (LSB)	112	IU	D2/D1
23	IU	CHEX0	53	IU	CWD6	83	IU	DLY1	113	—	NC
24	IU	AFS	54	IU	CWD5	84	IU	DLY2	114	—	NC
25	IU	LRS	55	IU	CWD4	85	IU	DLY3	115	O	OT15
26	IU	DIR	56	IU	CWD3	86	IU	DLY4 (MSB)	116	O	OT16
27	IU	20/16	57	IU	CWD2	87	—	NC	117	O	OT17
28	IU	ZCS	58	IU	CWD1	88	O	AUXT	118	O	OT18
29	ID	Z3/4	59	IU	CWD0 (LSB)	89	O	UDT	119	O	OY19
30	ID	Z1/2	60	—	VDD	90	O	ADFT	120	—	VDD

U ; INPUT WITH PULL-UP REGISTER
D ; INPUT WITH PULL-DOWN REGISTER
OT ; TRI-STATE OUTPUT

INPUT (WITH PULL-DOWN REGISTER)

128CK ; DIGITAL AUDIO 128 x Fs CLOCK
AD1/2 ; DIGITAL AUDIO CH-1/2 DATA
AD3/4 ; DIGITAL AUDIO CH-3/4 DATA
BCK ; DIGITAL AUDIO BIT CLOCK (=64 x Fs)
C1/2 ; DIGITAL AUDIO CH-1/2 CHANNEL STATUS BIT
C3/4 ; DIGITAL AUDIO CH-3/4 CHANNEL STATUS BIT
$\overline{OEAUX}$; OUTPUT ENABLE FOR AUX0–9 (L)
U1/2 ; DIGITAL AUDIO CH-1/2 USER DATA BIT
U3/4 ; DIGITAL AUDIO CH-3/4 USER DATA BIT
V1/2 ; DIGITAL AUDIO CH-1/2 VALIDITY FLAG
V3/4 ; DIGITAL AUDIO CH-3/4 VALIDITY FLAG
VCK ; VIDEO CLOCK (=4Fsc) INPUT
Z1/2 ; DIGITAL AUDIO CH-1/2 BLOCK SYNC (Z-FLAG)
Z3/4 ; DIGITAL AUDIO CH-3/4 BLOCK SYNC (Z-FLAG)

INPUT (WITH PULL-UP REGISTER)

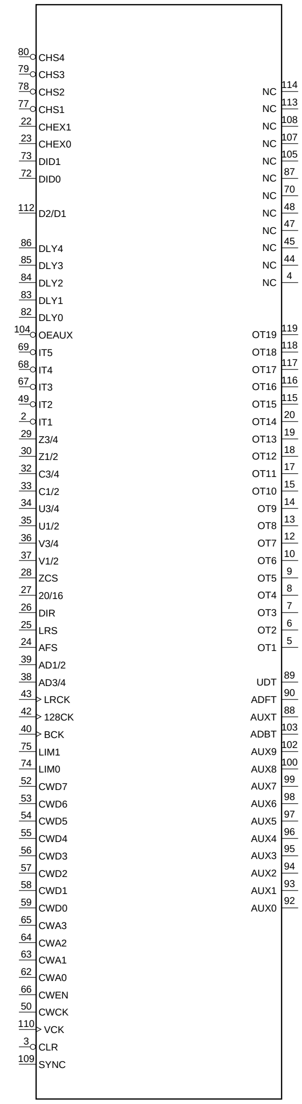
20/16 ; DIGITAL AUDIO 20BIT/16BIT SELECT
AFS ; DIGITAL AUDIO FORMAT SELECT
CHEX0, 1 ; CHANNEL EXCHANGE 0, 1
$\overline{CHS1}$ - $\overline{CHS4}$; AUDIO CH1–CH4 OUTPUT SELECT (L)
$\overline{CLR}$; POWER ON CLEAR (L)
CWA0 - CWA3 ; CHANNEL STATUS REGISTER WRITE ADDRESS 0 - 3
CWCK ; CHANNEL STATUS REGISTER WRITE CLOCK
CWD0 - CWD7 ; CHANNEL STATUS REGISTER WRITE DATA 0 - 7
CWEN ; CHANNEL STATUS REGISTER WRITE ENABLE
D2/D1 ; VIDEO FORMAT D2/D1 SELECT
DID0, 1 ; DATA ID BIT0, 1
DIR ; DIGITAL AUDIO MSB FIRST/LSB FIRST SELECT
DLY0 - DLY4 ; DELAY CONTROL BIT0 - BIT3
$\overline{IT1}$ - $\overline{IT5}$; TEST (L)
LIM0, 1 ; LINE MODE 0, 1
LRCK ; DIGITAL AUDIO L/R CLOCK (=Fs)
LRS ; DIGITAL AUDIO LEFT/RIGHT BIT POSITION SELECT
SYNC ; VIDEO SYNC INPUT
ZCS ; DIGITAL AUDIO Z-FLAG C-BIT SELECT

OUTPUT

ADBT ; AUX. DATA BLOCK TIMING
ADFT ; AUX. DATA FLAG TIMING
AUXT ; AUX. DATA TIMING
OT1 = OT19 ; TEST
UDT ; USER DATA TIMING

OUTPUT (TRI-STATE)

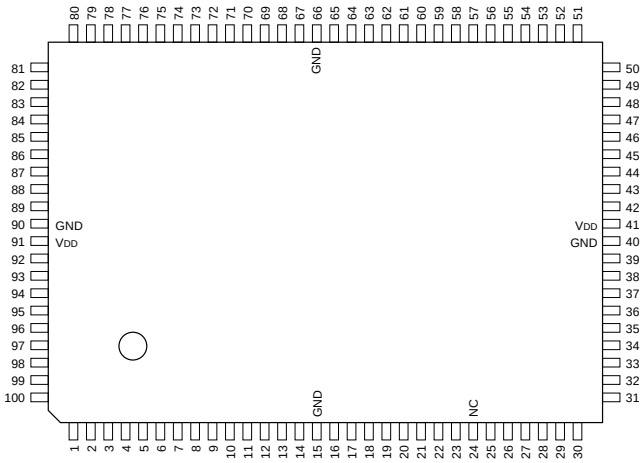
AUX0 - AUX9 ; AUX. DATA 0 - 9



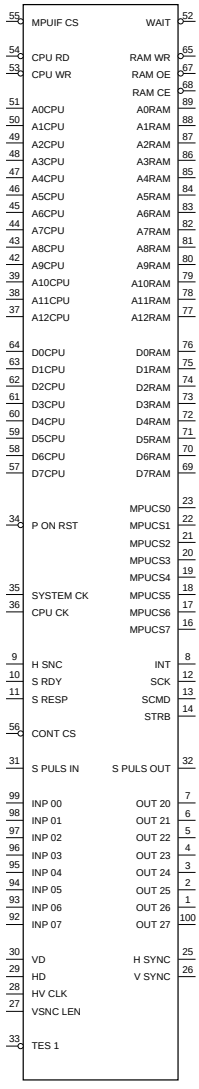
CXD8804Q (SONY)

C-MOS 8-MPU COMMUNICATION CONTROLLER WITH PARALLEL PORT

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OUT26	26	O	V SYNC	51	I	A0 CPU	76	I/O	D0 RAM
2	O	OUT25	27	I	VSNC LEN	52	O	$\overline{\text{WAIT}}$	77	O	A12 RAM
3	O	OUT24	28	I	HV CLK	53	I	$\overline{\text{CPU WR}}$	78	O	A11 RAM
4	O	OUT23	29	I	HD	54	I	$\overline{\text{CPU RD}}$	79	O	A10 RAM
5	O	OUT22	30	I	VD	55	I	$\overline{\text{MPUIF CS}}$	80	O	A9 RAM
6	O	OUT21	31	I	S PULS IN	56	I	$\overline{\text{CONT CS}}$	81	O	A8 RAM
7	O	OUT20	32	O	S PULS OUT	57	I/O	D7 CPU	82	O	A7 RAM
8	O	INT	33	I	$\overline{\text{TES 1}}$	58	I/O	D6 CPU	83	O	A6 RAM
9	I	H SNC	34	I	P ON RST	59	I/O	D5 CPU	84	O	A5 RAM
10	I	S RDY	35	I	SYSTEM CK	60	I/O	D4 CPU	85	O	A4 RAM
11	I	S RESP	36	I	CPU CK	61	I/O	D3 CPU	86	O	A3 RAM
12	O	SCK	37	I	A12 CPU	62	I/O	D2 CPU	87	O	A2 RAM
13	O	SCMD	38	I	A11 CPU	63	I/O	D1 CPU	88	O	A1 RAM
14	O	STRB	39	I	A10 CPU	64	I/O	D0 CPU	89	O	A0 RAM
15	—	GND	40	—	GND	65	O	$\overline{\text{RAM WR}}$	90	—	GND
16	O	MPUCS7	41	—	VDD	66	—	GND	91	—	VDD
17	O	MPUCS6	42	I	A9 CPU	67	O	$\overline{\text{RAM OE}}$	92	I	INP 07
18	O	MPUCS5	43	I	A8 CPU	68	O	$\overline{\text{RAMCE}}$	93	I	INP 06
19	O	MPUCS4	44	I	A7 CPU	69	I/O	D7 RAM	94	I	INP 05
20	O	MPUCS3	45	I	A6 CPU	70	I/O	D6 RAM	95	I	INP 04
21	O	MPUCS2	46	I	A5 CPU	71	I/O	D5 RAM	96	I	INP 03
22	O	MPUCS1	47	I	A4 CPU	72	I/O	D4 RAM	97	I	INP 02
23	O	MPUCS0	48	I	A3 CPU	73	I/O	D3 RAM	98	I	INP 01
24	—	N.C	49	I	A2 CPU	74	I/O	D2 RAM	99	I	INP 00
25	O	H SYNC	50	I	A1 CPU	75	I/O	D1 RAM	100	O	OUT 27



INPUT

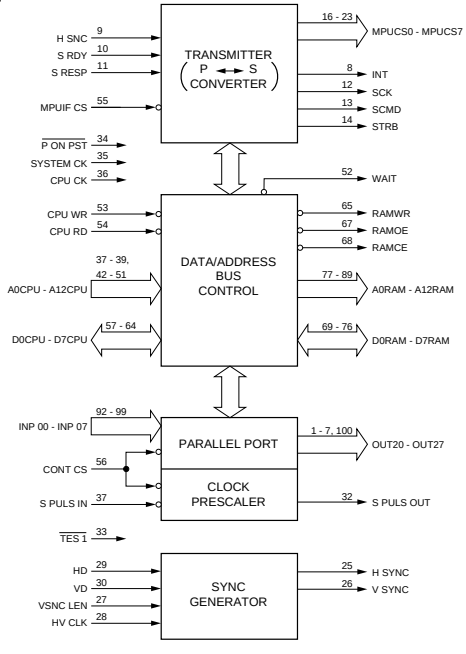
A0CPU - A12CPU	;	CPU ADDRESS BUS
CONT CS	;	INTERNAL/PARALLEL PORT
CPU CK	;	CPU CLOCK
CPU RD	;	CPU READ STROBE
CPU WR	;	CPU WRITE STROBE
HD	;	VIDEO HORIZONTAL SYNCHRONIZING PULSE
H SNC	;	SERIAL RECEIVE WAIT
HV CLK	;	VIDEO VERTICAL SAMPLING PULSE (13.5 MHz)
INP 00 - 07	;	PARALLEL PORT
MPUIF CS	;	EXTERNAL RAM CHIP SELECT
P ON RST	;	POWER IN RESET (L)
S PULS	;	MEDIOCRITY CLOCK PULSE
S RDY	;	SERIAL TRANSMISSION LEADY
S RESP	;	SERIAL RECEIVE DATA
SYSTEM CK	;	SYSTEM CLOCK
TES 1	;	TEST (L)
VD	;	VIDEO VERTICAL SYNCHRONIZING PULSE
VSNC LEN	;	VIDEO VERTICAL SYNCHRONIZING PULSE OUTPUT WIDTH CONTROL

OUTPUT

A0RAM - A12RAM	;	EXTERNAL RAM ADDRESS BUS
H SYNC	;	VIDEO HORIZONTAL SYNCHRONIZING PULSE
INT	;	SERIAL RECEIVE END
MPUCS0 - MPUCS7	;	SERIAL CORRESPONDENCE ENABLE
OUT 20 - 27	;	PARALLEL PORT
RAM CE	;	EXTERNAL RAM CHIP SELECT
RAM OE	;	EXTERNAL RAM OUTPUT ENABLE
RAM WR	;	EXTERNAL RAM WRITE STROBE
SCK	;	SERIAL CORRESPONDENCE CLOCK
SCMD	;	SERIAL TRANSMISSION DATA
S PULS	;	MEDIOCRITY CLOCK PULSE FREQUENCY (1/2-1/27)
STRB	;	SERIAL TRANSMISSION STROBE
V SYNC	;	VIDEO VERTICAL SYNCHRONIZING PULSE
WAIT	;	CPU WAIT

INPUT/OUTPUT

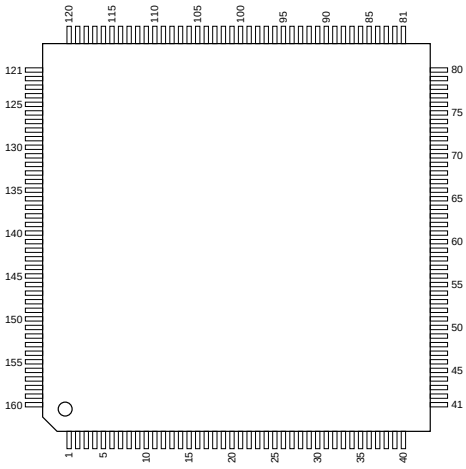
D0CPU - D7CPU	;	CPU DATA BUS
D0RAM - D7RAM	;	EXTERNAL RAM DATA BUS



CXD8313Q (SONY)

TBC

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	41	—	GND	81	—	GND	121	—	GND
2	I	FWDXREV	42	I/O	RMAB	82	O	RBWLN	122	I	DIN9
3	I	X13	43	I/O	RVCLR	83	O	COMPBLK	123	I	DIN8
4	I	NOIPB	44	I/O	WMAB	84	O	VBLK2	124	I	DIN7
5	I	HEE	45	I/O	WVCLR	85	O	VBLK1	125	I	DIN6
6	I	HALF-IN-PHASE	46	I/O	TDT0	86	O	ADVVBLK	126	I	DIN5
7	I	SHIFTINH	47	I	TST5	87	O	ADDTHRU	127	I	DIN4
8	O	VSCEXFP1	48	I	TST4	88	O	RDIZ	128	I	DIN3
9	O	VSCDTFP2	49	I	TST3	89	O	RCK	129	I	DIN2
10	—	GND	50	—	GND	90	—	GND	130	—	GND
11	I	OSCON	51	I	TST2	91	O	VCLR2	131	I	DIN1
12	I	MOD6	52	I	TST1	92	O	INC2	132	I	DIN0
13	I	DT	53	I	TST0	93	O	HCLR2	133	I	WCK
14	I	DTX3	54	I	RLMOFF	94	O	MRCK2	134	I	WZ
15	I	PBOE	55	I	FLMOFF	95	O	VCLR1	135	I	ADVWZ
16	I	DTV	56	I	MOD11	96	O	INC1	136	I	WCLP
17	I	SVV	57	I	MOD10	97	O	HCLR1	137	I	VISCCMUT
18	I	SWP	58	I	MOD7	98	O	MRCK1	138	I	PRCK
19	I	FRX3020	59	—	GND	99	O	VCLR0	139	—	GND
20	—	VDD	60	—	VDD	100	—	VDD	140	—	VDD
21	O	BINS	61	I/O	BID	101	O	INC0	141	I	PRZ
22	O	WINS	62	I/O	BIDDIR	102	O	HCLR0	142	I	PBSYNC
23	O	BWBLK	63	I	MOD4	103	O	DOCLR	143	O	WBLK
24	O	WHITECNT	64	I	MOD3	104	O	MWCK	144	I/O	GH
25	I	DO	65	I	MOD2	105	O	WE	145	O	SHW
26	I/O	PB16H	66	I	MOD1	106	O	DOUT0	146	I/O	SDO1
27	I/O	PB2H	67	I	JUC	107	O	DOUT1	147	I/O	GB
28	O	COUNTERV	68	I	SGBLK	108	O	DOUT2	148	I/O	WDIZ
29	I/O	PBV	69	I	REFOE	109	O	DOUT3	149	I/O	FBID
30	—	GND	70	—	GND	110	—	GND	150	—	GND
31	O	WRITEV	71	I	READV	111	O	DOUT4	151	I/O	FFB
32	O	WOE	72	I	RZ	112	O	DOUT5	152	I/O	FRB
33	I/O	WVISCID	73	I	R456FH	113	O	DOUT6	153	O	FF30COFF
34	O	RVISCID	74	I	R2BH	114	O	DOUT7	154	O	FR30HDL
35	I/O	RVSET	75	I	R2FH	115	—	—	155	I	THRU2
36	I/O	WENP	76	I	HCK	116	O	DOUT8	156	I	THRU1
37	I/O	RENP	77	I	SDATA	117	O	DOUT9	157	I/O	NOSIG
38	I	LEVTST	78	I	SLD	118	I/O	SDO2WDO	158	O	PDSCONT
39	I	CLR	79	I	SCK	119	I	HOE	159	O	SPDPWM
40	—	VDD	80	—	VDD	120	—	VDD	160	—	VDD

INPUTS

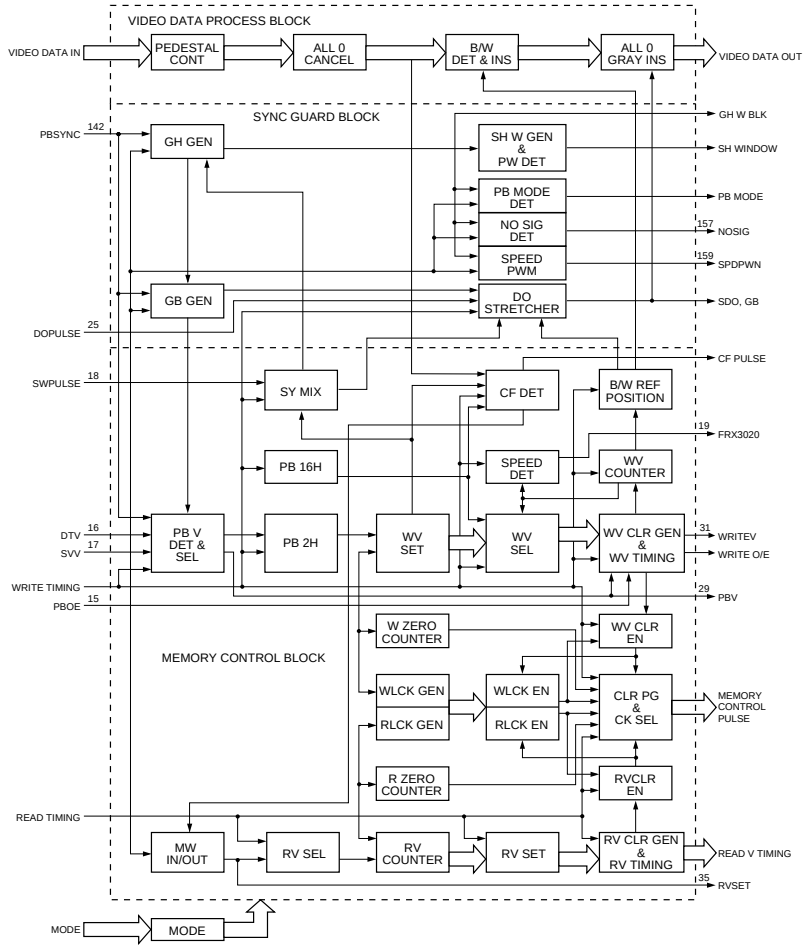
ADVWZ	: ADVANCED TO WRITE ZERO
CLR	: IC CLEAR
DO	: DROP OUT PULSE
DIN0 - DIN9	: VIDEO DATA
DT	: DYNAMIC TRACKING
DTV	: V REFERENCE PULSE FOR DYNAMIC TRACKING
DTX3	: DYNAMIC TRACKING 3 TIMES SPEED
FLMOFF	: FORWARD LIMITER OFF
FRX3020	: FR30HDL OUTPUT CONTROL
FWDXREV	: FORWARD/REVERSE DETECT
HCK	: CLOCK
HEE	: VIDEO EE DETECT
HINPHASE	: COLOR FRAMING MISMATCH
HOE	: DATA OUTPUT ENABLE
JUC	: JAPAN/UC SELECT
LEVTST	: VIDEO LEVEL TEST
MOD1	: 565/625 SELECT
MOD2	: NTSC, SECAM/PAL, PAL M SELECT
MOD3	: 14.3/13.5 SELECT
MOD4	: READ/WRITE EXPANDER SELECT
MOD6	: EXTERNAL PB ODD/EVEN SELECT
MOD7	: Y/C SELECT
MOD10	: Y/C SYNCHRONOUS MODE
MOD11	: READ DO/WRITE DO SELECT
NOIPB	: NORMAL PB, DT, EE DETECT
OSCON	: REFERENCE OSCILLATOR ON
PBOE	: PB ODD/EVEN FIELD RECOGNIZE
PBSYNC	: SYNC SIGNAL BY SYNC SEPARATED PB VIDEO
PRCK	: PCK FOR PORTABLE CHROMA
PRZ	: READ ZERO FOR PORTABLE CHROMA
R2BH	: 2 TIMES H BLANKING
R2FH	: 2 TIMES FH
R456FH	: 4/5/6 TIMES FH
READV	: V REFERENCE FOR READ
REFOE	: READ ODD/EVEN FIELD RECOGNIZE
RLMOFF	: REVERSE LIMITER OFF
RZ	: READ ZERO
SCK	: CLOCK
SDATA	: SERIAL DATA
SGBLK	: COMPOSITE BLANKING
SHIFTINH	: H SHIFT INHIBIT
SLD	: STROBE PULSE
SVV	: V REFERENCE PULSE FOR SERVO
SWP	: SWITCHING PULSE
THRU1	: CYCLE THROUGH
THRU2	: INTERVAL THROUGH
TST0 - TST5	: TEST MODE
VISCCMUT	: VISC FOR PLAY BACK/CHROMA MUTE
WCK	: WRITE CK
WCLP	: WRITE CLAMP PULSE
WZ	: WRITE ZERO
X13	: OVER 13 TIMES SPEED DETECT

OUTPUTS

ADDTHRU	:	ADD THROUGH
ADVVBLK	:	Y ADD CONTROL
BINS	:	BLACK REFERENCE INSERT PULSE
BWBLK	:	BLANKING PULSE FOR BLACK AND WHITE REFERENCE
COMPBLK	:	COMPOSITE BLANKING
COUNTERV	:	COUNTER V/ RVL
DOCLR	:	HCLR PULSE FOR WRITE
DOUT0 - DOUT9	:	VIDEO DATA
FF30COFF	:	+30 TIMES SPEED/CHROMA OFF
FR30HDL	:	−30 TIMES SPEED/COLOR FRAMING MISMATCH
HCLR0 - HCLR2	:	H CLEAR PULSE FOR INTERNAL LINE ADDRESS COUNTER
INC0 - INC2	:	CLOCK FOR LINE ADDRESS COUNTER
MRCK1, MRCK2	:	MEMORY READ CLOCK
MWCK	:	MEMORY WRITE CLOCK
PDSCONT	:	PEDESTAL CONTROL
RBWLN	:	BLACK/WHITE CONTROL
RCK	:	READ CLOCK
RDIZ	:	LINE ALTERNATE
RVISCID	:	VISC ∅ DET LINE
SHW	:	SAMPLE HOLD WINDOW
SPDPWM	:	H RESET PWM
VBLK1, VBLK2	:	V BLANKING PULSE
VCLR0 - VCLR2	:	V CLEAR PULSE FOR LINE ADDRESS COUNTER
VSCDTFP2	:	PB VISC PHASE COMPARATE ENABLE PULSE
VSCEXFP1	:	PB VISC DETECT
WBLK	:	BLANKING
WE	:	MEMORY WRITE ENABLE
WHITECNT	:	WHITE CONTROL
WINS	:	WHITE REFERENCE INSERT PULSE
WOE	:	WRITE FIELD (ODD/EVEN) PULSE
WRITEV	:	WRITE V PULSE

INPUTS/OUTPUTS

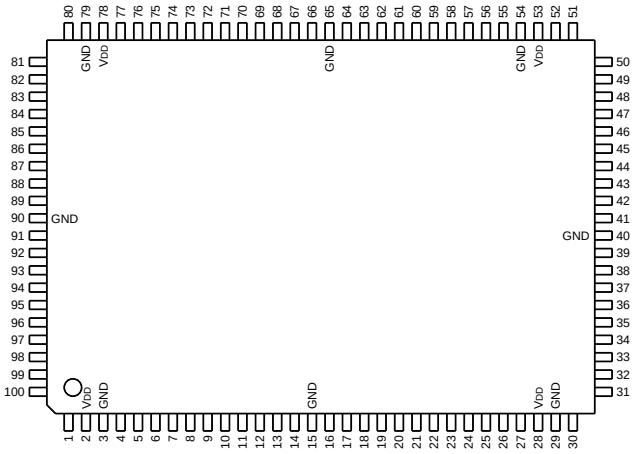
BID	:	BIDIREX
BIDDIR	:	FORWARD/REVERSE SELECT
FBID	:	FAST BIDIREX
FFB	:	FAST FORWARD BID
FRB	:	FAST REVERSE BID
GB	:	GUARD BAND
GH	:	GATED H (CYCLE DISCRIMINATION SYNC)
NOSIG	:	NO SIGNAL
PB16H	:	16 TIMES H RATE
PB2H	:	2 TIMES H RATE
PBV	:	V REFERENCE PULSE FOR Y NORMAL PB
RENP	:	READ THIN OUT INHIBIT
RMAB	:	READ THIN OUT PULSE
RVCLR	:	READ VCLR LINE
RVSET	:	READ V SET
SDO1	:	STRETCHED DO PULSE
SDO2WDO	:	STRETCHED DO PULSE BY WCK
TDT0	:	TIME CODE DATA
WDIZ	:	LINE ALTERNATE FOR WRITE
WENP	:	WRITE THIN OUT INHIBIT
WMAB	:	WRITE THIN OUT PULSE
WVCLR	:	WRITE VCLR LINE
WVISCID	:	PB VISC BLANKING PULSE

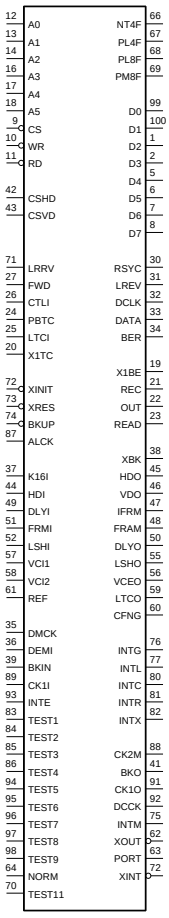


CXD8384Q (SONY)

C-MOS LTC READER/GENERATOR

—TOP VIEW—





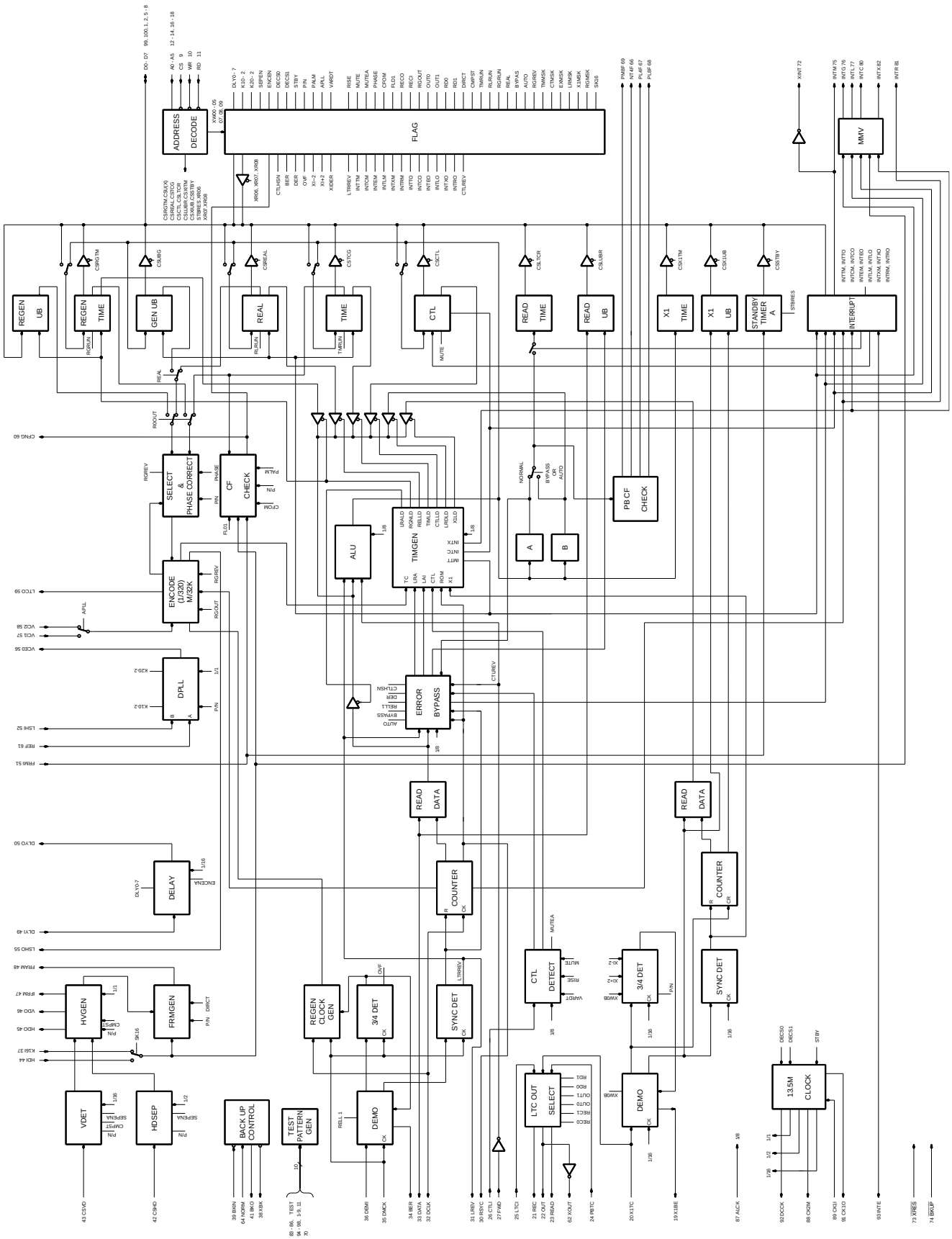
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	D2	26	I	CTLI	51	I	FRMI	76	O	INTG
2	I/O	D3	27	I	FWD	52	I	LSHI	77	O	INTL
3	—	VDD	28	—	VDD	53	—	VDD	78	—	VDD
4	—	GND	29	—	GND	54	—	GND	79	—	GND
5	I/O	D4	30	O	RSYC	55	O	LSHO	80	O	INTC
6	I/O	D5	31	O	LREV	56	O	VCEO	81	O	INTR
7	I/O	D6	32	O	DCLK	57	I	VCI1	82	O	INTX
8	I/O	D7	33	O	DATA	58	I	VCI2	83	I	TEST1
9	I	$\overline{CS}$	34	O	BER	59	O	LTCO	84	I	TEST2
10	I	$\overline{WR}$	35	I	DMCK	60	O	CFNG	85	I	TEST3
11	I	$\overline{RD}$	36	I	DEMI	61	I	REF	86	I	TEST4
12	I	A0	37	I	K16I	62	O	$\overline{XOUT}$	87	I	ALCK
13	I	A1	38	O	$\overline{XBK}$	63	O	PORT	88	O	CK2M
14	I	A2	39	I	$\overline{BKIN}$	64	I	NORM	89	I	CK1I
15	—	GND	40	—	GND	65	—	GND	90	—	GND
16	I	A3	41	O	BKO	66	O	NT4F	91	O	CK1O
17	I	A4	42	I	CSHD	67	O	PL4F	92	O	DCCK
18	I	A5	43	I	CSVD	68	O	PL8F	93	I	INTE
19	O	X1BE	44	I	HDI	69	O	PM8F	94	I	TEST5
20	I	X1TC	45	O	HDO	70	I	TEST11	95	I	TEST6
21	O	REC	46	O	VDO	71	I/O	LRRV	96	I	TEST7
22	O	OUT	47	O	IFRM	72	O	$\overline{XINT}$	97	I	TEST8
23	O	READ	48	O	FRAM	73	I	$\overline{XRES}$	98	I	TEST9
24	I	PBTC	49	I	DLYI	74	I	$\overline{BKUP}$	99	I/O	D0
25	I	LTCI	50	O	DLYO	75	O	INTM	100	I/O	D1

INPUT

A0 - A5	;	ADDRESS BUS IN
ALCK	;	ARITHMETIC LOGIC UNIT CLOCK IN
BKIN	;	BACKUP IN (NEGATIVE LOGIC)
BKUP	;	BACKUP EXECUTION IN (NEGATIVE LOGIC)
CK1I	;	SYSTEM CLOCK IN
CSHD	;	COMPOSITE SYNC/HD IN
CSVD	;	COMPOSITE SYNC/VD IN
CTLI	;	CTL SIGNAL IN
DEMI	;	LONGITUDINAL TIME AND CONTROL CODE IN
DLYI	;	INPUT TO DELAY CIRCUIT
DMCK	;	LTC DEMODULATE CLOCK IN
FRMI	;	FRAME SIGNAL IN
FWD	;	CTL DIRECTION SIGNAL IN
HDI	;	HORIZONTAL SYNC INPUT
INTE	;	EXTERNAL INTERRUPT IN (POSITIVE LOGIC)
K16I	;	16KHz CLOCK IN
		BACKUP CLOCK IN
LRRV	;	DIRECTION INPUT FOR LTC READER CALCULATION
LTCI	;	GENERATED LTC IN
LSHI	;	LTC SYNCHRINOUS H INPUT
NORM	;	NORMAL/BACKUP MODE SELECT
TEST1 - TEST9	;	TEST IN
TEST11		
PBTC	;	PLAYBACK LTC IN
RD	;	READ IN (NEGATIVE LOGIC)
REF	;	REFERENCE OF LTC GENERATOR
VCI1	;	LTC CLOCK IN-1
VCI2	;	EXTERNAL LTC IN
X1TC	;	LTC CLOCK IN-2
XRES	;	SYSTEM RESET IN (NEGATIVE LOGIC)
WR	;	WRITE IN (NEGATIVE LOGIC)

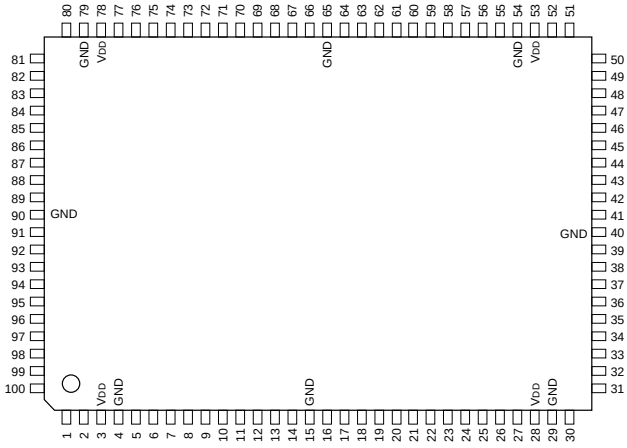
OUTPUT

BER	;	BI-PHASE MARK ERROR (BIT ERROR)
BKO	;	BACKUP CONTROL OUT-2 (POSITIVE LOGIC)
CFNG	;	COLOR FRAME ERROR FLAG OUT
CK1O	;	SYSTEM CLOCK OUT
CK2M	;	CLOCK 2M OUT
CS	;	CHIP SELECT IN (NEGATIVE LOGIC)
D0 - D7	;	DATA BUS
DATA	;	DEMODULATED SERIAL DATA OUT
DCCK	;	LTC DECODE CLOCK OUT
DCLK	;	DEMODULATED CLOCK OUT
DLYO	;	OUTPUT FROM DELAY CIRCUIT
FRAM	;	FRAME SIGNAL OUT -2
HDO	;	HORIZONTAL SYNC DRIVE OUT
IFRM	;	FRAME SIGNAL OUT -1
INTC	;	CTL INTERRUPT OUT (POSITIVE LOGIC)
INTG	;	GENERATOR INTERRUPT OUT (POSITIVE LOGIC)
INTL	;	READER INTERRUPT -1 OUT (POSITIVE LOGIC)
INTM	;	INTERRUPT MIX OUT (POSITIVE LOGIC)
INTR	;	READER INTERRUPT -2 OUT (POSITIVE LOGIC)
INTX	;	EXTERNAL LTC INTERRUPT OUT (POSITIVE LOGIC)
LREV	;	READ REV/FWD BIT OUT
LSHO	;	LTC SYNCHRONOUS SIGNAL H OUT
LTCO	;	LTC SIGNAL OUT
NT4F, PL4F, PL8F, PM8F	;	DEMODULATED COLOR FRAME OUT
OUT	;	EXTERNAL OUTPUT LTC OUT
PORT	;	PORT
READ	;	READ LTC OUT
REC	;	RECORD LTC OUT
RSYC	;	READ SYNC WORD DATA OUT
VCEO	;	LTC CLOCK OUT
VDO	;	VERTICAL SYNC DRIVE OUT
X1BE	;	BI-PHASE MARK ERROR (NORMAL SPEED READER)
XBK	;	BACKUP CONTROL OUT-1 (NEGATIVE LOGIC)
XINT	;	INVERTED INTERRUPT MIX OUT (NEGATIVE LOGIC)
XOUT	;	INVERTED EXTERNAL OUTPUT LTC OUT

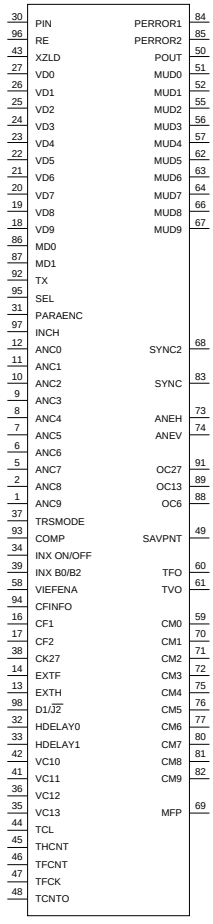

ADDRESS DECODE
FLAG
MMV
REGEN UB
REGEN TIME
GEN UB
REAL
TIME
CTL
READ TIME
READ UB
X1 TIME
X1 UB
STANDBY TIMER A
INTERRUPT
SELECT & PHASE CORRECT
CF CHECK
ENCODE (1/320) M/32K
DPLL
ALU
TIMGEN
A
B
PB CF CHECK
ERROR BYPASS
READ DATA
COUNTER
DELAY
CTL DETECT
3/4 DET
SYNC DET
REGEN CLOCK GEN
HVGEN
FRMGEN
VDET
HDSEP
BACK UP CONTROL
TEST PATTERN GEN
DEMO
LTC OUT SELECT
13.5M CLOCK

CXD8385Q (SONY)

C-MOS ENCODER
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	ANC9	26	I	VD1	51	O	MUD0	76	O	CM5
2	I	ANC8	27	I	VD0	52	O	MUD1	77	O	CM6
3	—	VDD	28	—	VDD	53	—	VDD	78	—	VDD
4	—	GND	29	—	GND	54	—	GND	79	—	GND
5	I	ANC7	30	I	PIN	55	O	MUD2	80	O	CM7
6	I	ANC6	31	I	PARAENC	56	O	MUD3	81	O	CM8
7	I	ANC5	32	I	HDELAY0	57	O	MUD4	82	O	CM9
8	I	ANC4	33	I	HDELAY1	58	I	VIEFENA	83	O	SYNC
9	I	ANC3	34	I	INX ON/OFF	59	O	CM0	84	O	PERROR1
10	I	ANC2	35	I	VC13	60	O	TFO	85	O	PERROR2
11	I	ANC1	36	I	VC12	61	O	TVO	86	I	MD0
12	I	ANC0	37	I	TRS MODE	62	O	MUD5	87	I	MD1
13	I	EXTH	38	I	CK27	63	O	MUD6	88	O	OC6
14	I	EXTF	39	I	INX B0/B2	64	O	MUD7	89	O	OC13
15	—	GND	40	—	GND	65	—	GND	90	—	GND
16	I	CF1	41	I	VC11	66	O	MUD8	91	O	OC27
17	I	CF2	42	I	VC10	67	O	MUD9	92	I	TX
18	I	VD9	43	I	XZLD	68	O	SYNC2	93	I	COMP
19	I	VD8	44	I	TCL	69	O	MFP	94	I	CFINFO
20	I	VD7	45	I	THCNT	70	O	CM1	95	I	SEL
21	I	VD6	46	I	TFCNT	71	O	CM2	96	I	RE
22	I	VD5	47	I	TFCK	72	O	CM3	97	I	INCH
23	I	VD4	48	I	TCNTO	73	O	ANEH	98	I	D1/$\overline{J2}$
24	I	VD3	49	O	SAVPNT	74	O	ANEV	99	I	SLNP
25	I	VD2	50	O	POUT	75	O	CM4	100	I	ANIS



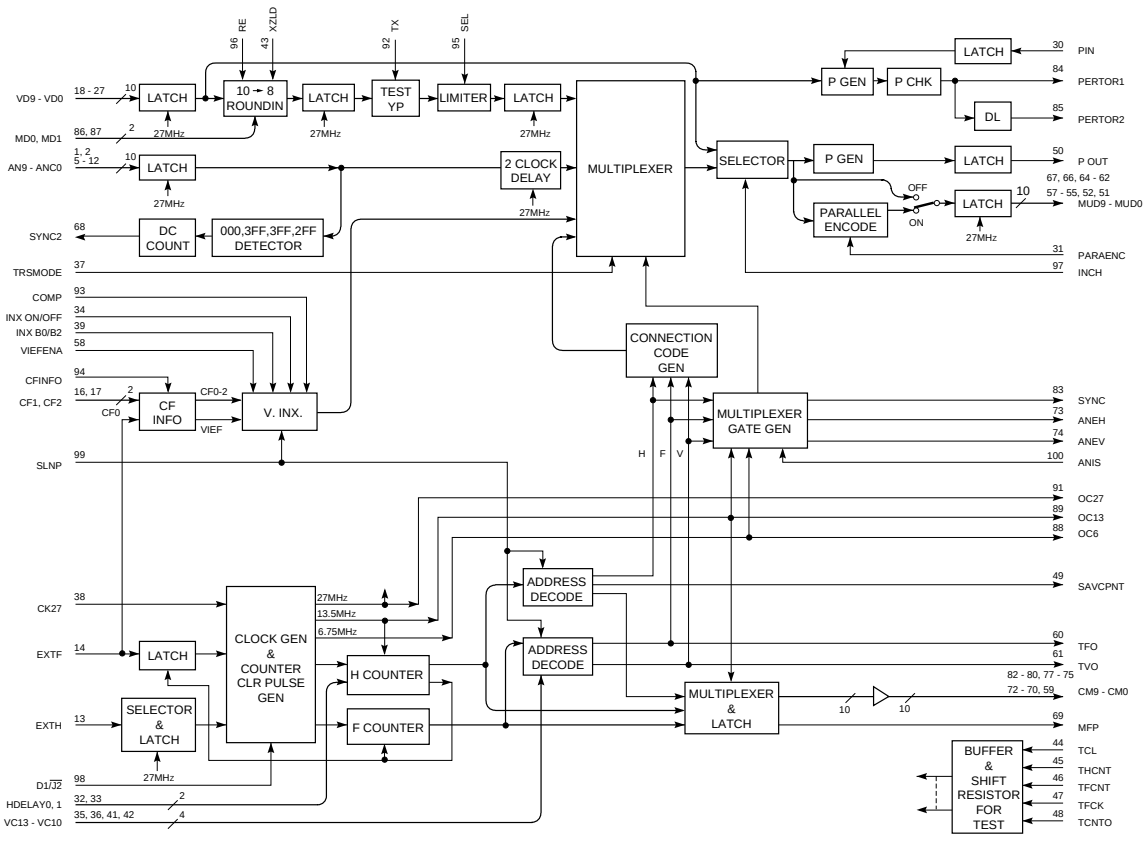
INPUT

ANC0 - ANC9	;	ANCILLARY DATA
ANIS	;	ANC GATE CONTROL
CF1/CF2	;	CF DATA
CFINFO	;	CFINFO CONTROL
CK27	;	27 MHz CLOCK
COMP	;	COMPOSIT/COMPONENT
D1/J2, SLNP	;	MODE CONTROL
EXTF	;	REF F
EXTH	;	REF H
HDELAY0, HDELAY1	;	JZ REF H TRS ADVANCE CONTROL
INCH, TCL, TCNTO, TFCK, TFCNT, THCNT, XZLD	;	TEST PIN
INX ON/OFF, INX B0/B2 VIEFENA	;	V. INX. CONTROL
PARAENC	;	SCRAMBLE NRZ CONVERT ON/OFF
PIN	;	PARITY
RE	;	ROUND CONTROL
TRSMODE	;	TRS 10-BIT/8-BIT SELECT
TX	;	TEST PIN
VC10 - VC13	;	525/60 V BLANK CONTROL
VD0 - VD9	;	VIDEO DATA

OUTPUT

ANEH, ANEV	;	PULSE
CM0 - CM9	;	H, F COUNTER
MFP	;	MULTIPLEX F COUNTER PULSE
MUD0 - MUD9	;	VIDEO DATA
OC13	;	13.5 MHz CLOCK
OC27	;	27 MHz CLOCK
OC6	;	6.75 MHz CLOCK
PERROR1, PERROR2	;	PARITY ERROR DETECT
POUT	;	PARITY
SAVPNT	;	SAV PULSE
SYNC, SYNC2	;	TIMING PULSE
TFO	;	F MONITOR
TVO	;	V MONITOR

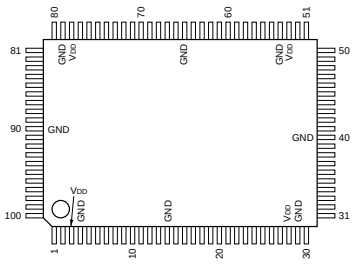
http://getMANUAL.com



CXD8386AQ (SONY)

C-MOS 4:2:2 COMPONENT DECODER

—TOP VIEW—



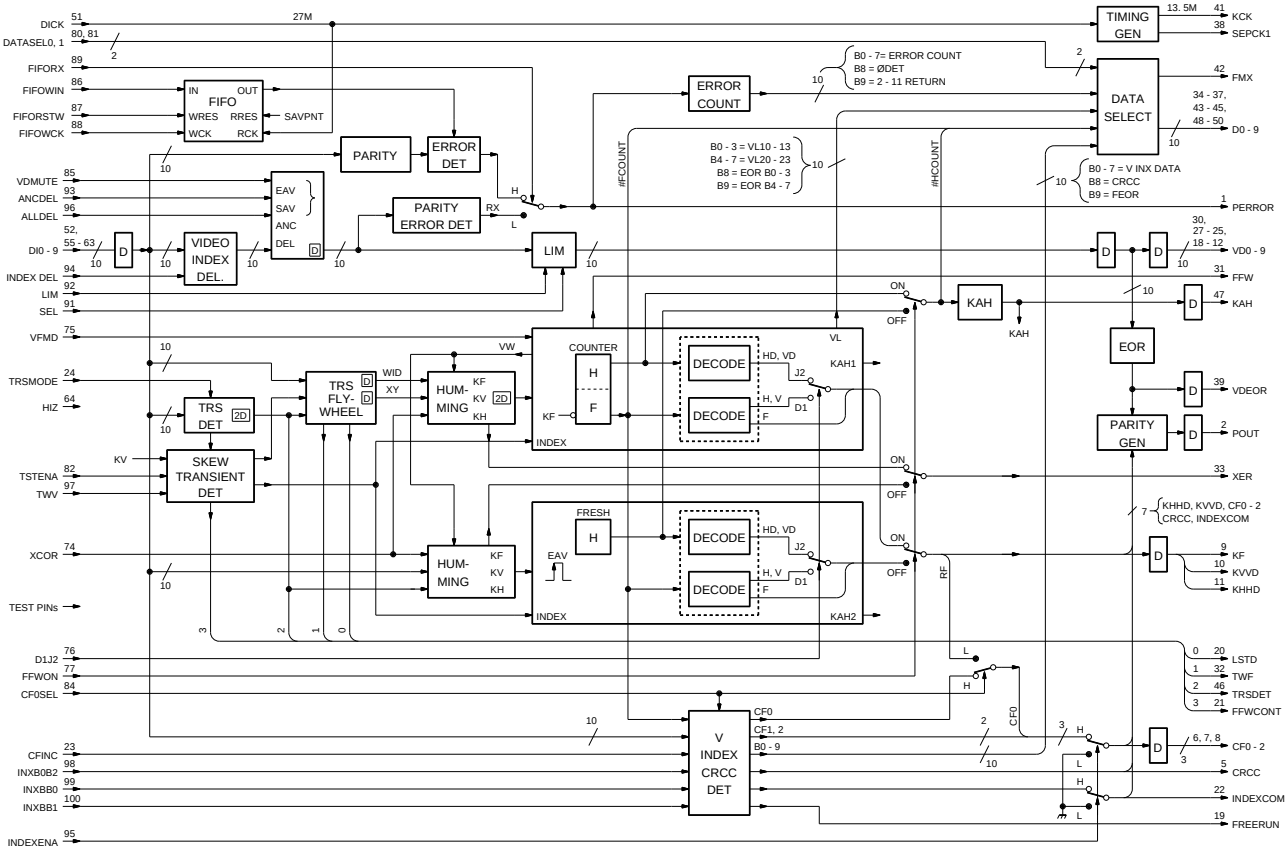
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	PERROR	26	O	VD2	51	I	DICK	76	I	D1J2
2	O	POUT	27	O	VD1	52	I	DI0	77	I	FFWON
3	—	VDD	28	—	VDD	53	—	VDD	78	—	VDD
4	—	GND	29	—	GND	54	—	GND	79	—	GND
5	O	CRCC	30	O	VD0	55	I	DI1	80	I	DATASEL0
6	O	CF2	31	O	FFW	56	I	DI2	81	I	DATASEL1
7	O	CF1	32	O	TFW	57	I	DI3	82	I	TSTENA
8	O	CF0	33	O	XER	58	I	DI4	83	I	TEST
9	O	KF	34	O	D0	59	I	DI5	84	I	CF0SEL
10	O	KVVD	35	O	D1	60	I	DI6	85	I	VDMUTE
11	O	KHHD	36	O	D2	61	I	DI7	86	I	FIFOWIN
12	O	VD9	37	O	D3	62	I	DI8	87	I	FIFORSTW
13	O	VD8	38	O	SEPCK1	63	I	DI9	88	I	FIFOWCK
14	O	VD7	39	O	VDEOR	64	I	HIZ	89	I	FIFORX
15	—	GND	40	—	GND	65	—	GND	90	—	GND
16	O	VD6	41	O	KCK	66	I	TCLR	91	I	SEL
17	O	VD5	42	O	FMX	67	I	THCNT	92	I	LIM
18	O	VD4	43	O	D4	68	I	TFCNT	93	I	ANCDEL
19	O	FREERUN	44	O	D5	69	I	TCNT	94	I	INDEXDEL
20	O	LSTD	45	O	D6	70	I	TFCK	95	I	INDEXENA
21	O	FFWCONT	46	O	TRSDET	71	I	TCH01	96	I	ALLDEL
22	O	INDEXCOM	47	O	KAH	72	I	TCH02	97	I	TWV
23	I	CFINC	48	O	D7	73	I	THCOR	98	I	INXB0B2
24	I	TRSMODE	49	O	D8	74	I	XCOR	99	I	INXBB0
25	O	VD3	50	O	D9	75	I	VFMD	100	I	INXBB1

INPUT

ALLDEL	: DELETE CONTROL FOR BETWEEN EAV AND SAV
ANCDEL	: ANC DELETE CONTROL
CF0SEL	: CF0 SELECT
CFINC	: CF INCRIMENT CONTROL
D1J2	: MODE SELECT
DATASEL0, 1	: D0 - D9 DATA CONTROL
DI0 - 9	: VIDEO DATA BUS
DICK	: 27MHz CLOCK
FFWON	: SYNCHRONIZE SYSTEM FLYWHEEL/DIRECT SELECT
FIFORSTW, FIFORX, FIFOWCK, FIFOWIN	: SELF-DIAGNOSIS
HIZ	: OUTPUT SYSTEM HI-IMPEDANCE CONTROL
INDEXDEL	: INX DELETE CONTROL
INDEXENA	: INX ENABLE CONTROL
INXB0B2	: INX CONTROL
INXBB0, 1	: MOTOR CONTROL
LIM	: LIMITER ON/OFF CONTROL
SEL	: LIMITER MODE SELECT
TCH01 - 02, TCLR, TCNT, TFCK, TFCNT, THCNT, THCOR, TSTENA	: FOR TEST
TRSMODE	: TRS DETECT MODE SELECT
TWV	: NOT CONSECUTIVE DETECT CONTROL
VDMUTE	: MUTE CONTROL
VFMD	: 525,V HYSTERESIS PROCESS
XCOR	: TRS XY-BYTE PROCESS

OUTPUT

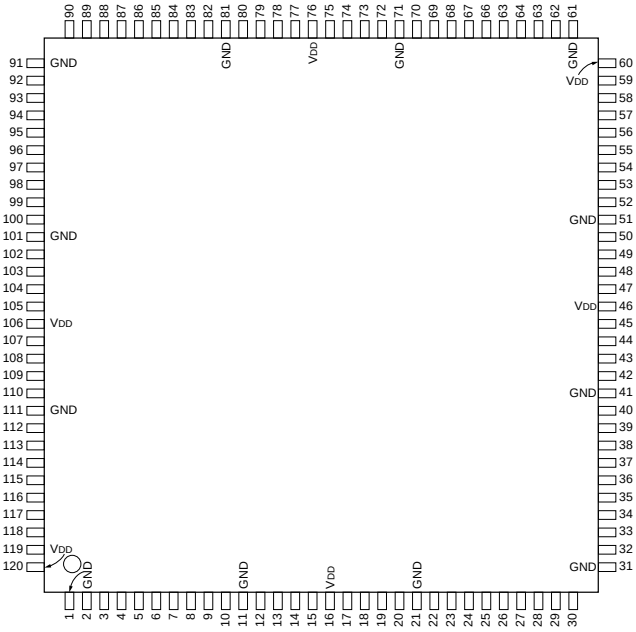
CF0 - 2	: COLOR FRAME
CRCC	: CLASS 2-1CRCC+CF0/RF0DET
D0 - 9	: INTERNAL DATA INFORMATION
FFW, TFW	: FLYWHEEL STATUS
FFWCONT	: FLY/DIRECT SYNCHRONIZE SELECT CONTROL
FMX	: F COUNTER PULSE STATE
FREERUN	: ERROR STATUS OF INX FOUR CONSECUTIVE TIMES
INDEXCOM	: COMPOSITE/COMPONENT SIGNAL
KAH	: ANALOG SYNCHRONIZE
KCK	: 13.5 MHz CLOCK
KF	: KF
KHHD	: H SYNCHRONIZE
KVVD	: V SYNCHRONIZE
LSTD	: 525/625 DETECT
PERROR	: SELF-DIAGNOSIS DETECT
POUT	: SELF-DIAGNOSIS PARITY BETWEEN BOARD
SEPCK1	: 6.75 MHz CLOCK
TRSDET	: TRS DETECT
VD0 - 9	: VIDEO DATA BUS
VDEOR	: VIDEO DATA EOR
XER	: TRS XY-BYTE HAMMING PROCESS

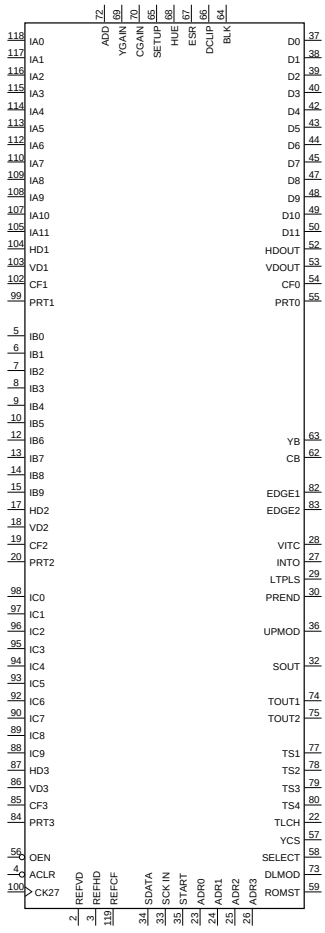


CXD8810BQ (SONY)

C-MOS VIDEO PROCESSOR

—TOP VIEW—





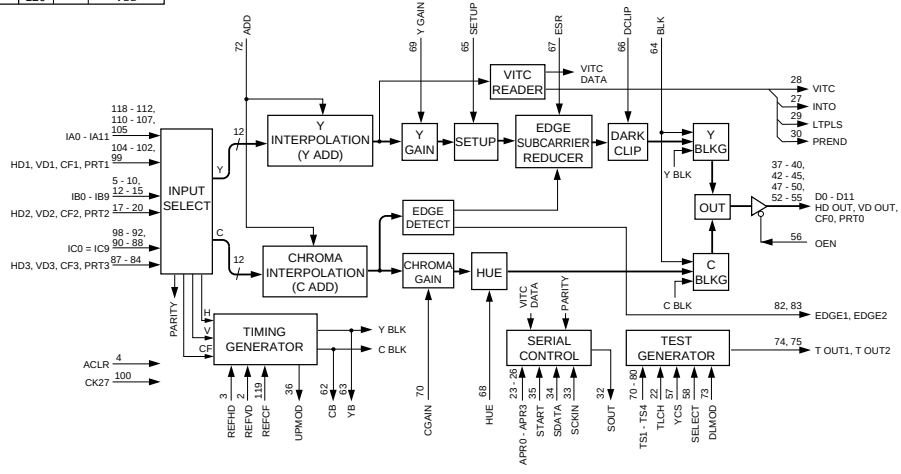
INPUT

ACLR ; RESET
ADD ; Y/C ADD ON
ADR0-ADR4 ; IC ADDRESS
BLK ; BLKG ON
CF1-CF3 ; COLOR FRAMING FOR A, B, C INPUT
CGAIN ; C GAIN ON
CK27 ; 27 MHz CLOCK
DCCLIP ; DARK CLIP ON
DLMOD, ROMTS, SELECT, TLCH, TS1-TS4, YCS ; TEST TERMINAL
ESR ; EDGE SUBCARRIER REDUCER ON
HD1-HD3 ; HD FOR A, B, C INPUT
HUE ; HUE ON
IA0-IA11, IB0-IB9, IC0-IC9 ; DATA A, B, C
OEN ; OUTPUT ENABLE
PRT1-PRT3 ; PARITY FOR A, B, C INPUT
REFCF, REFHD, REFVD ; REFERENCE CF, HD, VD
SCKIN ; SERIAL COMMUNICATION CLOCK
SDATA ; SERIAL COMMUNICATION DATA
SETUP ; SETUP ON
START ; SERIAL COMMUNICATION START PULSE
VD1-VD3 ; VD FOR A, B, C INPUT
VGAIN ; Y GAIN ON

OUTPUT

CB ; C BLK PULSE TEST
CF0 ; COLOR FRAMING
D0-D11 ; DATA
EDGE1, EDGE2, LTPLS, PREND, TOUT1, TOUT2 ; TEST TERMINAL
HDOUT ; HD
INTO ; INTERRUPT WHEN VITC READ
PRTO ; PARITY
SOUT ; SERIAL COMMUNICATION DATA
UPMOD ; MEMORY SHIFT MODE FOR Y-ADD
VDOUT ; VD
VITC ; VITC TEST
YB ; Y BLK PULSE TEST

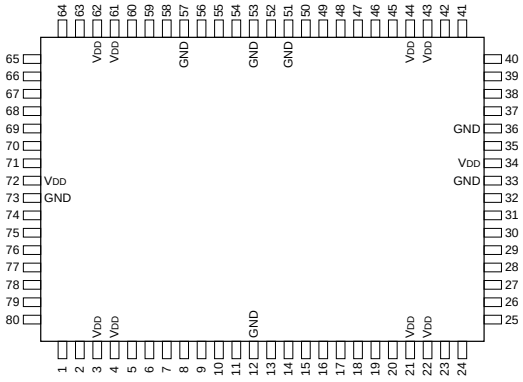
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	31	—	GND	61	—	GND	91	—	GND
2	I	REFVD	32	O	SOUT	62	O	CB	92	I	IC6
3	I	REFHD	33	I	SCKIN	63	O	YB	93	I	IC5
4	I	ACLR	34	I	SDATA	64	I	BLK	94	I	IC4
5	I	IB0	35	I	START	65	I	SETUP	95	I	IC3
6	I	IB1	36	O	UPMOD	66	I	DCLIP	96	I	IC2
7	I	IB2	37	O	D0	67	I	ESR	97	I	IC1
8	I	IB3	38	O	D1	68	I	HUE	98	I	IC0
9	I	IB4	39	O	D2	69	I	YGAIN	99	I	PRT1
10	I	IB5	40	O	D3	70	I	CGAIN	100	I	CK27
11	—	GND	41	—	GND	71	—	GND	101	—	GND
12	I	IB6	42	O	D4	72	I	ADD	102	I	CF1
13	I	IB7	43	O	D5	73	I	DLMOD	103	I	VD1
14	I	IB8	44	O	D6	74	O	TOUT1	104	I	HD1
15	I	IB9	45	O	D7	75	O	TOUT2	105	I	IA11
16	—	VDD	46	—	VDD	76	—	VDD	106	—	VDD
17	I	HD2	47	O	D8	77	I	TS1	107	I	IA10
18	I	VD2	48	O	D9	78	I	TS2	108	I	IA9
19	I	CF2	49	O	D10	79	I	TS3	109	I	IA8
20	I	PRT2	50	O	D11	80	I	TS4	110	I	IA7
21	—	GND	51	—	GND	81	—	GND	111	—	GND
22	I	TLCH	52	O	HDOUT	82	O	EDGE1	112	I	IA6
23	I	ADR0	53	O	VDOUT	83	O	EDGE2	113	I	IA5
24	I	ADR1	54	O	CFO	84	I	PRT3	114	I	IA4
25	I	ADR2	55	O	PRTO	85	I	CF3	115	I	IA3
26	I	ADR3	56	I	OEN	86	I	VD3	116	I	IA2
27	O	INT0	57	I	YCS	87	I	HD3	117	I	IA1
28	O	VITC	58	I	SELECT	88	I	IC9	118	I	IA0
29	O	LTPLS	59	I	ROMTS	89	I	IC8	119	I	REFCF
30	O	PREND	60	—	VDD	90	I	IC7	120	—	VDD



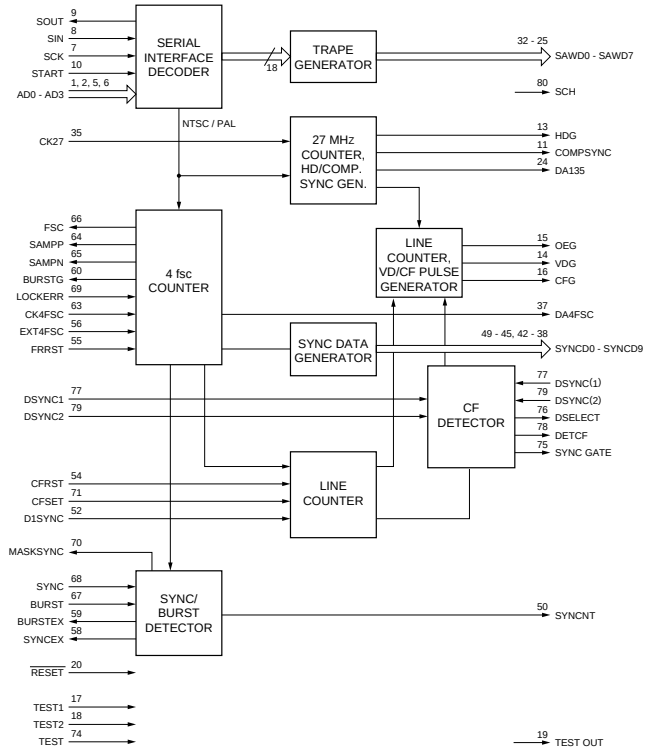
CXD8817Q (SONY)

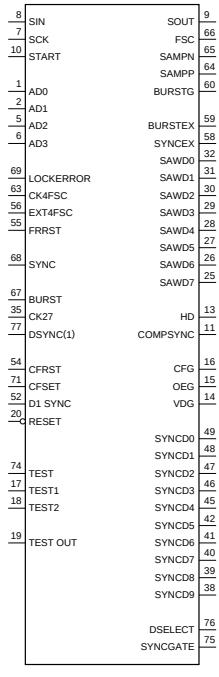
C-MOS VIDEO TIMING SIGNAL GENERATOR

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	AD0	21	—	VDD	41	O	SYNCD6	61	—	VDD
2	I	AD1	22	—	VDD	42	O	SYNCD5	62	—	VDD
3	—	VDD	23	—	NC	43	—	VDD	63	I	CK4FSC
4	—	VDD	24	O	DA135	44	—	VDD	64	O	SAMPP
5	I	AD2	25	O	SAWD7	45	O	SYNCD4	65	O	SAMPN
6	I	AD3	26	O	SAWD6	46	O	SYNCD3	66	O	FSC
7	I	SCK	27	O	SAWD5	47	O	SYNCD2	67	I	BURST
8	I	SIN	28	O	SAWD4	48	O	SYNCD1	68	I	SYNC
9	O	SOUT	29	O	SAWD3	49	O	SYNCD0	69	I	LOCKERR
10	I	START	30	O	SAWD2	50	O	SYNCNT	70	O	MASKSYNC
11	O	COMPSYNC	31	O	SAWD1	51	—	GND	71	I	CFSET
12	—	GND	32	O	SAWD0	52	I	D1SYNC	72	—	VDD
13	O	HDG	33	—	GND	53	—	GND	73	—	GND
14	O	VDG	34	—	VDD	54	I	CFRST	74	I	TEST
15	O	OEG	35	I	CK27	55	I	FRRST	75	O	SYNCGATE
16	O	CFG	36	—	GND	56	I	EXT4FSC	76	O	DSELECT
17	I	TEST1	37	O	DA4FSC	57	—	GND	77	I	DSYNC1
18	I	TEST2	38	O	SYNCD9	58	O	SYNCEX	78	O	DETCF
19	O	TESTOUT	39	O	SYNCD8	59	O	BURSTEX	79	I	DSYNC2
20	I	RESET	40	O	SYNCD7	60	O	BURSTG	80	O	SCH





INPUT

AD0 - AD3	:	SERIAL PRESET ADDRESS
BURST	:	REFERENCE BURST INPUT
CFRST	:	CF RESET FOR D2 LOCK
CFSET	:	EXTERNAL CF PULSE INPUT
CK27	:	27 MHz CLOCK
CK4FSC	:	4 fsc CLOCK
D1SYNC	:	D1 SYNC FOR D1 LOCK
DSYNC1	:	DELAYED SYNC FOR CF DET
DSYNC2	:	DELAYED SYNC FOR SCH DET
EXT4FSC	:	EXTERNAL 4 fsc CLOCK
FRRST	:	FRAME RESET FOR D2 LOCK
LOCKERR	:	4 fsc PLL LOCK ERROR
RESET	:	POWER ON RESET
SCK	:	SERIAL CLOCK
SIN	:	SERIAL DATA INPUT
START	:	SERIAL START PULSE
SYNC	:	REFERENCE SYNC INPUT
TEST	:	TEST PIN
TEST1, 2	:	TEST PINS

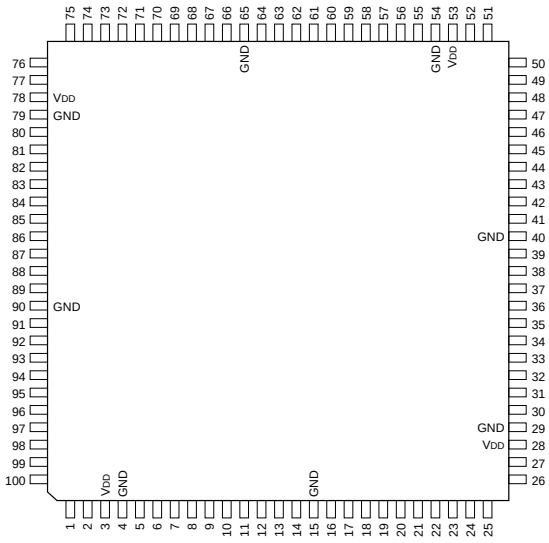
OUTPUT

BURSTEX	:	BURST EXIST : H
BURSTG	:	BURST SAMPLE PULSE FOR NTSC
CFG	:	COLOR FRAMING PULSE
COMPSYNC	:	COMPOSITE SYNC
DA135	:	13.5 MHz CLOCK
DA4FSC	:	4 fsc CLOCK
DETCF	:	DETECTED COLOR FRAMING
DSELECT	:	HYSTERESIS CONTROL FOR CF DET
FSC	:	FSC CLOCK
HDG	:	HD PULSE
MASKSYNC	:	GATED SYNC
OEG	:	ODD / EVEN PULSE
SAMPN	:	BURST SAMPLE (–) FOR PAL
SAMPP	:	BURST SAMPLE (+) FOR PAL
SAWD0 - SAWD7	:	27 MHz SAW-TOOTH DATA (0 - 7)
SCH	:	DETECTED SCH
SOUT	:	SERIAL DATA OUTPUT
SYNCD0 - SYNCD9	:	4 fsc SYNC DATA (0 - 9)
SYNCEX	:	SYNC EXIST : H
SYNCGATE	:	SELECTED SYNC FOR CF DET
SYNCNT	:	4 fsc SYNC FOR NTSC
TESTOUT	:	TEST PIN
VDG	:	VD PULSE

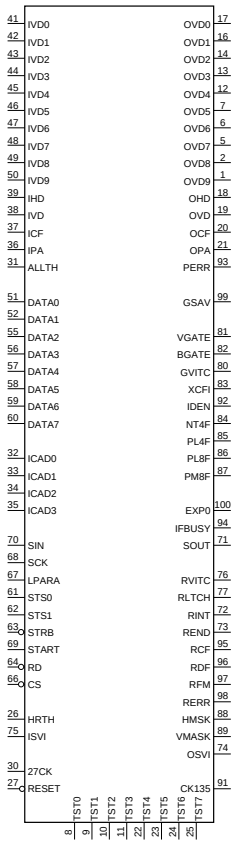
CXD8820AR (SONY)

C-MOS VITC READER GENERATOR

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OVD9	26	I	HRTH	51	I/O	DATA0	76	O	RVITC
2	O	OVD8	27	I	$\overline{\text{RESET}}$	52	I/O	DATA1	77	O	RLTCH
3	—	VDD	28	—	VDD	53	—	VDD	78	—	VDD
4	—	GND	29	—	GND	54	—	GND	79	—	GND
5	O	OVD7	30	I	27CK	55	I/O	DATA2	80	O	GVITC
6	O	OVD6	31	I	ALLTH	56	I/O	DATA3	81	O	VGATE
7	O	OVD5	32	I	ICAD0	57	I/O	DATA4	82	O	BGATE
8	I	TST0	33	I	ICAD1	58	I/O	DATA5	83	O	XCFI
9	I	TST1	34	I	ICAD2	59	I/O	DATA6	84	O	NT4F
10	I	TST2	35	I	ICAD3	60	I/O	DATA7	85	O	PL4F
11	I	TST3	36	I	IPA	61	I	STS0	86	O	PL8F
12	O	OVD4	37	I	ICF	62	I	STS1	87	O	PM8F
13	O	OVD3	38	I	IVD	63	I	$\overline{\text{STRB}}$	88	O	HMSK
14	O	OVD2	39	I	IHD	64	I	$\overline{\text{RD}}$	89	O	VMASK
15	—	GND	40	—	GND	65	—	GND	90	—	GND
16	O	OVD1	41	I	IVD0	66	I	$\overline{\text{CS}}$	91	O	CK135
17	O	OVD0	42	I	IVD1	67	I	LPARA	92	O	IDEN
18	O	OHD	43	I	IVD2	68	I	SCK	93	O	PERR
19	O	OVD	44	I	IVD3	69	I	START	94	O	IFBUSY
20	O	OCF	45	I	IVD4	70	I	SIN	95	O	RCF
21	O	OPA	46	I	IVD5	71	O	SOUT	96	O	RDF
22	I	TST4	47	I	IVD6	72	O	RINT	97	O	RFM
23	I	TST5	48	I	IVD7	73	O	REND	98	O	RERR
24	I	TST6	49	I	IVD8	74	O	OSVI	99	O	G SAV
25	I	TST7	50	I	IVD9	75	I	ISVI	100	O	EXP0



INPUT

27CK	:	27 MHz CLOCK
ALLTH	:	ALL THOUGH MODE
CS	:	CHIP SELECT (FOR PARALLEL INTERFACE)
HRTH	:	READER THOUGH MODE
ICAD0 - ICAD3	:	IC ADDRESS
ICF	:	COLOR FRAMING
IHD	:	HD
IPA	:	PARITY
ISVI	:	SLICED VITC
IVD0 - IVD9	:	VIDEO DATA
IVD	:	VD
LPARA	:	PARARELL INTERFACE SELECT
RD	:	READ (FOR PARALLEL INTERFACE)
RESET	:	POWER ON RESET
SCK	:	SERIAL INTERFACE CLOCK
SIN	:	SERIAL DATA
START	:	SERIAL INTERFACE START
STRB	:	STROBE (FOR PARALLEL INTERFACE)
STS0, STS1	:	STATUS 0, 1 (FOR PARALLEL INTERFACE)
TST0 - TST7	:	FOR TEST 0-7

OUTPUT

BGATE	:	BLANKING LINE PULSE
CK135	:	13.5 MHz CLOCK
EXP0	:	EXPANDED OUTPUT PORT
GSAV	:	(G) SAV PULSE
GVITC	:	GNENRATED VITC
HMSK	:	(R) VITC SEARCH LINE
IDEN	:	IC INTERFACE ENABLE
IFBUSY	:	INTERFACE BUSY
NT4F	:	NTSC 4FIELD
OCF	:	COLOR FRAMING
OHD	:	HD
OPA	:	PARITY
OSVI	:	SLICED VITC
OVD0 - OVD9	:	VIDEO DATA
OVD	:	VD
PERR	:	PARITY ERROR
PL4F	:	PAL 4FIELD
PL8F	:	PAL 8FIELD
PM8M	:	PALM 8FIELD
RCF	:	READ COLOR FRAME BIT
RDF	:	READ DROP FRAME BIT
REND	:	READ END
RERR	:	READ ERROR SIGNAL
RFM	:	READ FEILD MARK BIT
RINT	:	READ END INTERRUPT
RLTCH	:	READ VITC LATCH PULSE
RVITC	:	READ VITC
SOUT	:	SERIAL DATA
VGATE	:	INSERT LINE PULSE
VMASK	:	(R) EAV_SAV MASK PULSE
XCFI	:	COLOR FRAMING INFORMATION

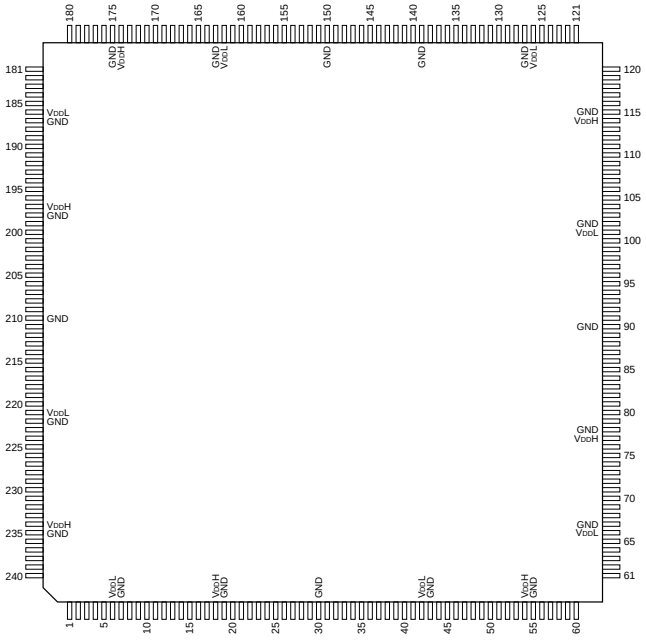
INPUT/OUTPUT

DATA0 - DATA7	:	PARARELL INTERFACE DATA BUS

CXD8818R (SONY)

C-MOS MEMORY CONTROLLER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	M2CF	49	I	DID4	97	I	A2D4	145	O	MWC4	193	I/O	MAD2
2	I	M3D9	50	I	DID3	98	I	A2D3	146	O	MWC3	194	I/O	MAD1
3	I	M3D8	51	I	DID2	99	I	A2D2	147	O	MWC2	195	I/O	MAD0
4	I	M3D7	52	I	DID1	100	I	A2D1	148	O	MWC1	196	O	MPUCK
5	I	M3D6	53	I	DID0	101	—	VDDL	149	O	MWC0	197	—	VDDH
6	—	VDDL	54	—	VDDH	102	—	GND	150	—	GND	198	—	GND
7	—	GND	55	—	GND	103	I	A2D0	151	O	MWCK	199	I	R27
8	I	M3D5	56	I	DIHD	104	I	A2P	152	O	$\overline{\text{MWRST}}$	200	I	ADVCF
9	I	M3D4	57	I	DIVD	105	O	IVST	153	O	$\overline{\text{MRCK}}$	201	I	TEST
10	I	M3D3	58	I	DIP	106	I	M1D9	154	O	$\overline{\text{MRRST}}$	202	O	SRP
11	I	M3D2	59	O	CHD	107	I	M1D8	155	I	RDY9	203	O	REFCF0
12	I	M3D1	60	O	CVD	108	I	M1D7	156	I	RDY8	204	O	REFCF1
13	I	M3D0	61	I	ISY	109	I	M1D6	157	I	RDY7	205	O	REFCF2
14	I	M3HD	62	O	HR	110	I	M1D5	158	I	RDY6	206	I	FNTC
15	I	M3VD	63	I	SFTHR	111	I	M1D4	159	I	RDY5	207	I	$\overline{\text{RST}}$
16	I	M3CF	64	O	SMPP	112	I	M1D3	160	I	RDY4	208	O	R18
17	O	SAVP	65	O	PCEN	113	I	M1D2	161	O	WRSTL	209	O	SUPT
18	—	VDDH	66	—	VDDL	114	—	VDDH	162	—	VDDL	210	—	GND
19	—	GND	67	—	GND	115	—	GND	163	—	GND	211	O	BD9
20	I	DED9	68	I	W27	116	I	M1D1	164	I	RDY3	212	O	BD8
21	I	DED8	69	O	DTHP	117	I	M1D0	165	I	RDY2	213	O	BD7
22	I	DED7	70	O	CH	118	I	M1HD	166	I	RDY1	214	O	BD6
23	I	DED6	71	O	CLPP	119	I	M1VD	167	I	RDY0	215	O	BD5
24	I	DED5	72	I	A1D9	120	I	M1CF	168	I	RDP	216	O	BD4
25	I	DED4	73	I	A1D8	121	O	ICF0	169	I	RDFIN	217	O	BD3
26	I	DED3	74	I	A1D7	122	O	ICF1	170	I	RDC9	218	O	BD2
27	I	DED2	75	I	A1D6	123	O	ICF2	171	I	RDC8	219	O	BD1
28	I	DED1	76	I	A1D5	124	O	MWY9	172	I	RDC7	220	O	BD0
29	I	DED0	77	—	VDDH	125	O	MWY8	173	I	RDC6	221	—	VDDL
30	—	GND	78	—	GND	126	—	VDDL	174	—	VDDH	222	—	GND
31	I	DECCK	79	I	A1D4	127	—	GND	175	—	GND	223	O	BHD
32	I	DEHD	80	I	A1D3	128	O	MWY7	176	I	RDC5	224	O	BVD
33	I	DEVD	81	I	A1D2	129	O	MWY6	177	I	RDC4	225	O	BCF
34	I	DECF	82	I	A1D1	130	O	MWY5	178	I	RDC3	226	O	BP
35	I	DEP	83	I	A1D0	131	O	MWY4	179	I	RDC2	227	I	M2D9
36	I	DICPST	84	I	A1P	132	O	MWY3	180	I	RDC1	228	I	M2D8
37	I	DICR	85	O	YCER	133	O	MWY2	181	I	RDC0	229	I	M2D7
38	I	DICF2	86	O	BCER	134	O	MWY1	182	O	RDRSTL	230	I	M2D6
39	I	DICF1	87	O	RCER	135	O	MWY0	183	I	ASTB	231	I	M2D5
40	I	DICF0	88	O	COE	136	O	MWP	184	I	$\overline{\text{WR}}$	232	I	M2D4
41	I	DIFCK	89	O	HFCK	137	O	MWFIN	185	I	$\overline{\text{RD}}$	233	I	M2D3
42	—	VDDL	90	—	GND	138	—	VDDH	186	—	VDDL	234	—	VDDH
43	—	GND	91	O	QTCK	139	—	GND	187	—	GND	235	—	GND
44	I	DID9	92	I	A2D9	140	O	MWC9	188	I/O	MAD7	236	I	M2D2
45	I	DID8	93	I	A2D8	141	O	MWC8	189	I/O	MAD6	237	I	M2D1
46	I	DID7	94	I	A2D7	142	O	MWC7	190	I/O	MAD5	238	I	M2D0
47	I	DID6	95	I	A2D6	143	O	MWC6	191	I/O	MAD4	239	I	M2HD
48	I	DID5	96	I	A2D5	144	O	MWC5	192	I/O	MAD3	240	I	M2VD

INPUT

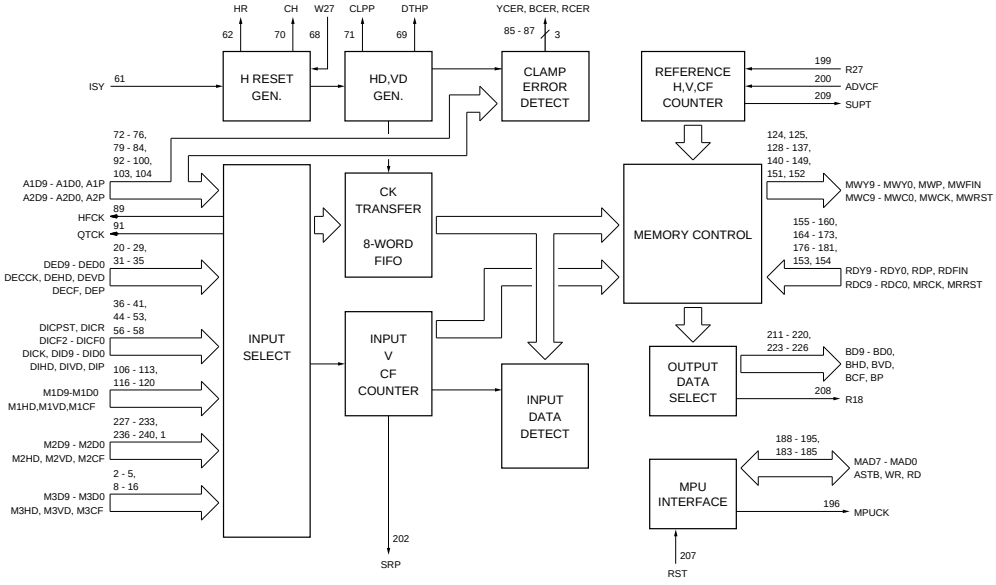
A1D0 - 9	;	A/D CONVERTED Y SIGNAL DATA FROM DIGITAL FILTER
A1P	;	A/D CONVERTED Y SIGNAL DATA PARITY
A2D0 - 9	;	A/D CONVERTED R-Y/B-Y SIGNAL DATA FROM DIGITAL FILTER
A2P	;	A/D CONVERTED R-Y/B-Y SIGNAL DATA PARITY
ADVCF	;	ADVANCED REFERENCE COLOR FRAME
ASTB	;	MPU INTERFACE ADDRESS STROBE
DECK	;	COMPOSITE DECODER INPUT CLOCK
DECF	;	COMPOSITE DECODER INPUT CF
DED0 - 9	;	COMPOSITE DECODER INPUT DATA
DEHD	;	COMPOSITE DECODER INPUT HD
DEP	;	COMPOSITE DECODER INPUT PARITY
DEVD	;	COMPOSITE DECODER INPUT VD
DICF0 - 2	;	DIF (SERIAL DIGITAL) INPUT CF
DICPST	;	DIF (SERIAL DIGITAL) INPUT COMPOSITE FLAG (H : COMPOSITE)
DICR	;	DIF (SERIAL DIGITAL) INPUT CRCC ERROR FLAG (H : ERROR)
DID0 - 9	;	DIF (SERIAL DIGITAL) INPUT DATA
DIFCK	;	DIF (SERIAL DIGITAL) INPUT CLOCK
DIHD	;	DIF (SERIAL DIGITAL) INPUT HD
DIP	;	DIF (SERIAL DIGITAL) INPUT PARITY
DIVD	;	DIF (SERIAL DIGITAL) INPUT VD
FNTC	;	FORCED NTSC MODE
ISY	;	ANALOG COMPONENT SYNC INPUT
M1CF	;	MULTI-LOOP (1) INPUT CF FOR SELF-DIAG.
M1D0 - 9	;	MULTI-LOOP (1) INPUT DATA FOR SELF-DIAG.
M1HD	;	MULTI-LOOP (1) INPUT HD FOR SELF-DIAG.
M1VD	;	MULTI-LOOP (1) INPUT VD FOR SELF-DIAG.
M2CF	;	MULTI-LOOP (2) INPUT CF
M2D0 - 9	;	MULTI-LOOP (2) INPUT DATA
M2HD	;	MULTI-LOOP (2) INPUT HD
M2VD	;	MULTI-LOOP (2) INPUT VD
M3CF	;	MULTI-LOOP (3) INPUT COLOR FRAME FOR SELF-DIAG.
M3D0 - 9	;	MULTI-LOOP (3) INPUT DATA FOR SELF-DIAG.
M3HD	;	MULTI-LOOP (3) INPUT HD FOR SELF-DIAG.
M3VD	;	MULTI-LOOP (3) INPUT VD FOR SELF-DIAG.
R27	;	REFERENCE 27MHz CLOCK
RD	;	MPU INTERFACE READ REQUEST
RDC0 - 9	;	MEMORY READ R-Y/B-Y DATA
RDFIN	;	MEMORY READ DATA FINISH BLOCK ID BIT
RDP	;	MEMORY READ DATA PARITY
RDY0 - 9	;	MEMORY READ Y DATA
RST	;	MASTER RESET
SFTHR	;	SHIFTED HR INPUT
TEST	;	TEST MODE ENABLE
W27	;	27MHz CLOCK LOCKED TO ANALOG COMPONENT
WR	;	MPU INTERFACE WRITE REQUEST

OUTPUT

BCER	;	B-Y SIGNAL CLAMP ERROR
BCF	;	BUFFERED CF
BD0 - 9	;	BUFFERED DATA
BHD	;	BUFFERED HD
BP	;	BUFFERED PARITY
BVD	;	BUFFERED VD
CH	;	COUNT H TIMING PULSE FOR PLL
CHD	;	ANALOG COMPONENT HD OUTPUT
CLPP	;	CLAMP PULSE FOR ANALOG COMPONENT
COE	;	ANALOG COMPONENT ODD/EVEN OUTPUT
CVD	;	ANALOG COMPONENT VD OUTPUT
DTHP	;	DITHER TIMING PULSE FOR A/D DITHER
HFCK	;	13.5MHz CLOCK (W27/2) FOR DIGITAL FILTER
HR	;	PHASE COMPARATOR PULSE OUT FOR PLL
ICF0 - 2	;	SELECTED INPUT SIGNAL COLOR FRAME
IVST	;	SELECTED INPUT SIGNAL V-START PULSE
MPUCK	;	MPU INTERFACE CLOCK (9MHz)
MRCK	;	MEMORY READ CLOCK
MRRST	;	MEMORY READ RESET PULSE
MWC0 - 9	;	MEMORY R-Y/B-Y DATA OUTPUT
MWCK	;	MEMORY WRITE CLOCK
MWFIN	;	MEMORY WRITE DATA FINISH BLOCK ID BIT
MWP	;	MEMORY WRITE DATA PARITY OUTPUT
MWRST	;	MEMORY WRITE RESET PULSE
MWY0 - 9	;	MEMORY WRITE Y DATA OUTPUT
PCEN	;	PHASE COMPARATE ENABLE
QTCK	;	6.75MHz CLOCK (W27/4) FOR DIGITAL FILTER
R18	;	18MHz CLOCK OUTPUT FOR PLAYER SELF-DIAG.
RCER	;	R-Y SIGNAL CLAMP ERROR
RDRSTL	;	MEMORY READ RESET LINE
REFCF0 - 2	;	REFERENCE CF
SAVP	;	SELECTED INPUT SIGNAL SAV TIMING PULSE
SMPP	;	SAMPLING PULSE FOR PLL
SRP	;	SERVO REFERENCE PULSE
SUPT	;	TIMING PULSE FOR SET-UP REMOVER
WRSTL	;	MEMORY WRITE RESET LINE
YCER	;	Y SIGNAL CLAMP ERROR

INPUT/OUTPUT

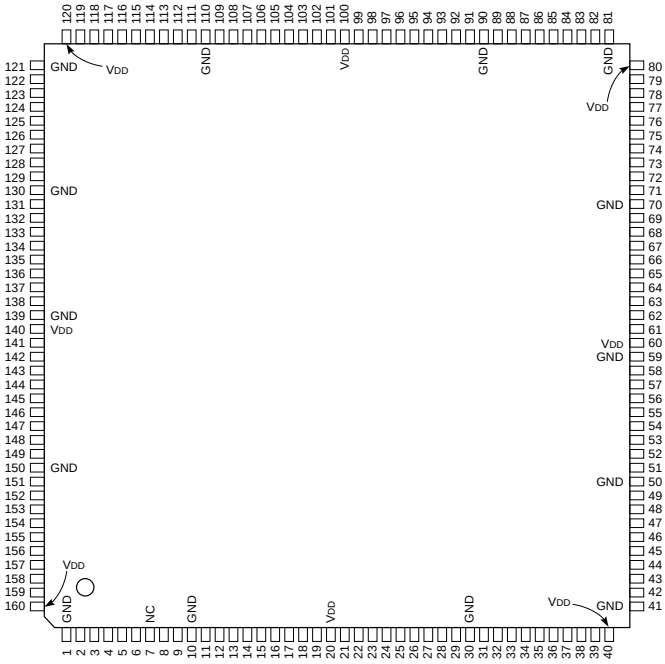
MAD0 - 7	;	MPU INTERFACE DATA BUS


HR
CH
W27
CLPP
DTHP
YCER, BCER, RCER
62
70
68
71
69
85 - 87
3
ISY
61
H RESET GEN.
HD,VD GEN.
CLAMP ERROR DETECT
REFERENCE H,V,CF COUNTER
199
200
209
R27
ADVCF
SUPT
72 - 76, 79 - 84, 92 - 100, 103, 104
A1D9 - A1D0, A1P
A2D9 - A2D0, A2P
HFCK
89
QTCK
91
20 - 29, 31 - 35
DED9 - DED0
DECCK, DEHD, DEVD
DECF, DEP
36 - 41, 44 - 53, 56 - 58
DICPST, DICR
DICF2 - DICF0
DICK, DID9 - DID0
DIHD, DIVD, DIP
106 - 113, 116 - 120
M1D9-M1D0
M1HD,M1VD,M1CF
227 - 233, 236 - 240, 1
M2D9 - M2D0
M2HD, M2VD, M2CF
2 - 5, 8 - 16
M3D9 - M3D0
M3HD, M3VD, M3CF
INPUT SELECT
CK TRANSFER
8-WORD FIFO
INPUT V CF COUNTER
INPUT DATA DETECT
MEMORY CONTROL
124, 125, 128 - 137, 140 - 149, 151, 152
MWY9 - MWY0, MWP, MWFIN
MWC9 - MWC0, MWCK, MWRST
155 - 160, 164 - 173, 176 - 181, 153, 154
RDY9 - RDY0, RDP, RDFIN
RDC9 - RDC0, MRCK, MRRST
OUTPUT DATA SELECT
211 - 220, 223 - 226
BD9 - BD0, BHD, BVD, BCF, BP
208
R18
MPU INTERFACE
188 - 195, 183 - 185
MAD7 - MAD0
ASTB, WR, RD
196
MPUCK
207
RST
202
SRP

CXD8819AQ (FUJITSU)

C-MOS DIGITAL VIDEO SIGNAL DECODER

—TOP VIEW—



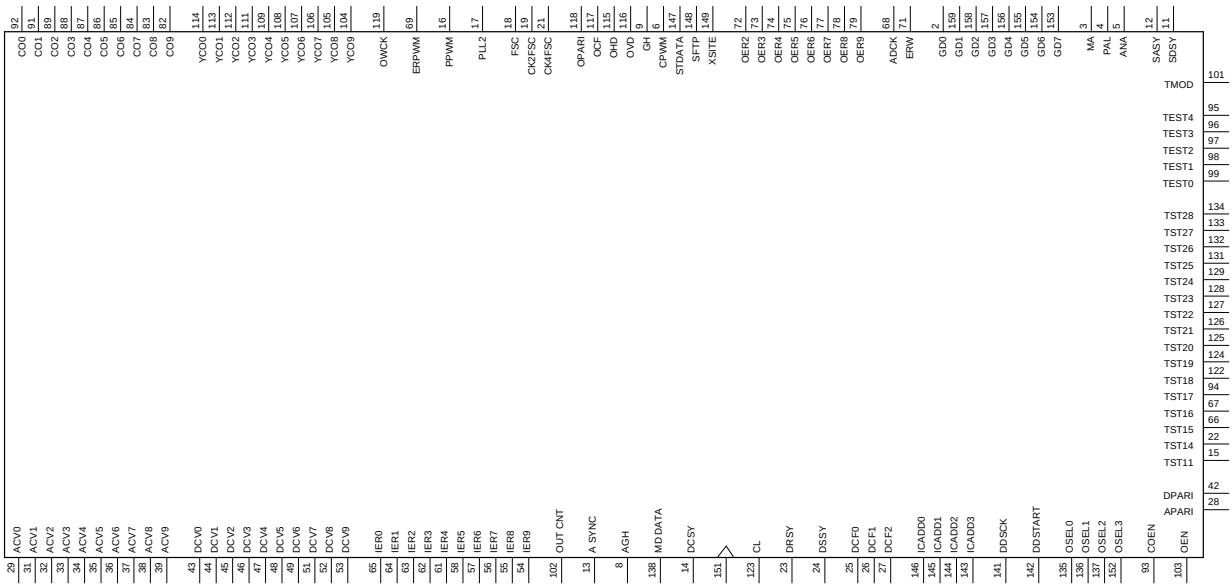
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	GND	41	—	GND	81	—	GND	121	—	GND
2	O	GD0	42	I	DPARI	82	O	CO9	122	I	TST18
3	O	MA	43	I	DCV0	83	O	CO8	123	I	CL
4	O	PAL	44	I	DCV1	84	O	CO7	124	I	TST19
5	O	ANA	45	I	DCV2	85	O	CO6	125	I	TST20
6	O	CPWM	46	I	DCV3	86	O	CO5	126	I	TST21
7	—	NC	47	I	DCV4	87	O	CO4	127	I	TST22
8	I	AGH	48	I	DCV5	88	O	CO3	128	I	TST23
9	O	GH	49	I	DCV6	89	O	CO2	129	I	TST24
10	—	GND	50	—	GND	90	—	GND	130	—	GND
11	O	SDSY	51	I	DCV7	91	O	CO1	131	I	TST25
12	O	SASY	52	I	DCV8	92	O	CO0	132	I	TST26
13	I	ASYNC	53	I	DCV9	93	I	COEN	133	I	TST27
14	I	DCSY	54	I	IER9	94	I	TST17	134	I	TST28
15	I	TST11	55	I	IER8	95	I	TEST4	135	I	OSEL0
16	O	PPWM	56	I	IER7	96	I	TEST3	136	I	OSEL1
17	O	PLL2	57	I	IER6	97	I	TEST2	137	I	OSEL2
18	O	FSC	58	I	IER5	98	I	TEST1	138	I	MDDATA
19	O	CK2FSC	59	—	GND	99	I	TEST0	139	—	GND
20	—	VDD	60	—	VDD	100	—	VDD	140	—	VDD
21	O	CK4FSC	61	I	IER4	101	I	TMOD	141	I	DD SCK
22	I	TST14	62	I	IER3	102	I	OUTCNT	142	I	DDSTART
23	I	DRSY	63	I	IER2	103	I	OEN	143	I	ICADD3
24	I	DSSY	64	I	IER1	104	O	YCO9	144	I	ICADD2
25	I	DCF0	65	I	IER0	105	O	YCO8	145	I	ICADD1
26	I	DCF1	66	I	TST15	106	O	YCO7	146	I	ICADD0
27	I	DCF2	67	I	TST16	107	O	YCO6	147	O	STDATA
28	I	APARI	68	O	ADCK	108	O	YCO5	148	O	SFTP
29	I	ACV0	69	O	ERPWM	109	O	YCO4	149	O	XSITE
30	—	GND	70	—	GND	110	—	GND	150	—	GND
31	I	ACV1	71	O	ERW	111	O	YCO3	151	I	CK
32	I	ACV2	72	O	OER2	112	O	YCO2	152	I	OSEL3
33	I	ACV3	73	O	OER3	113	O	YCO1	153	O	GD7
34	I	ACV4	74	O	OER4	114	O	YCO0	154	O	GD6
35	I	ACV5	75	O	OER5	115	O	OHD	155	O	GD5
36	I	ACV6	76	O	OER6	116	O	OVD	156	O	GD4
37	I	ACV7	77	O	OER7	117	O	OCF	157	O	GD3
38	I	ACV8	78	O	OER8	118	O	OPARI	158	O	GD2
39	I	ACV9	79	O	OER9	119	O	OWCK	159	O	GD1
40	—	VDD	80	—	VDD	120	—	VDD	160	—	VDD

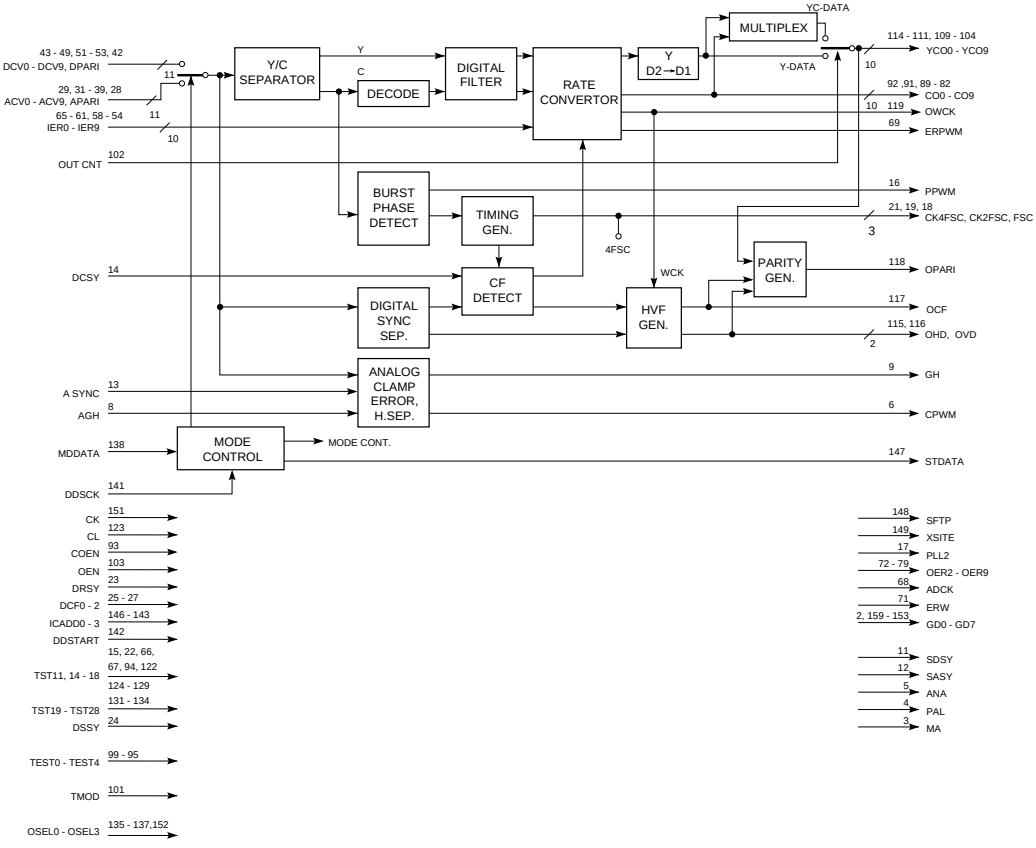
INPUT

ACV0 - ACV9	: ANALOG INPUT DATA (0 - 9)
AGH	: ANALOG GATED H
APARI	: PARITY OF ANALOG INPUT DATA
ASYNC	: ANALOG COMPOSITE SYNC
CK	: INPUT 8 fsc CK
CL	: POWER ON RESET
COEN	: CHROMA OUTPUT ENABLE
DCF0 - DCF2	: D2 INPUT CF (0 - 2)
DCSY	: DELAYED COMPOSITE SYNC
DCV0 - DCV9	: DIGITAL INPUT DATA (0 - 9)
DDSCK	: CK FOR SERIAL MODE DATA
DDSTART	: START PULSE OF SERIAL COMMUNICATION
DPARI	: PARITY OF DIGITAL INPUT DATA
DRSY	: DIGITAL DELAYED SYNC ($\overline{8\ fsc} \times 8N$)
DSSY	: DIGITAL DELAYED SYNC (8 fsc × 8N)
ICADD0 - ICADD3	: IC ADDRESS (0 - 3)
IER0 - IER9	: NON STANDARD PLL ERROR INPUT (0 - 9)
MDDATA	: SERIAL MODE DATA FROM CPU
OEN	: Y (Y/C) OUTPUT ENABLE
OSEL0 - OSEL3	: TEST (0 - 3)
OUTCNT	: OUTPUT CONTROL : Y/YC MULTIPLEX
TEST0 - TEST4	: TEST (0 - 4)
TMOD	: TEST MODE
TST11	: TEST11
TST14 - TST28	: TEST (14 - 28)

OUTPUT

ADCK	: NON STANDARD PLL ERROR SAMPLING CK
ANA	: ANALOG/DIGITAL
CK2FSC	: INTERNAL 2 fsc CK
CK4FSC	: INTERNAL 4 fsc CK
CO0 - CO9	: CHROMA OUT (0 - 9)
CPWM	: CLAMP ERROR PWM
ERPWM	: NON STANDARD PLL ERROR SAMPLING PWM
ERW	: NON STANDARD PLL ERROR WIDTH
FSC	: INTERNAL fsc CK
GD0 - GD7	: GAIN DATA (0 - 7)
GH	: GATED H
MA	: MANUAL/AUTO (AGC MODE)
OCF	: CF INFORMATION
OER2 - OER9	: NON STANDARD PLL ERROR OUTPUT (2 - 9)
OHD	: HD
OPARI	: PARITY OF OUTPUT DATA
OVD	: VD
OWCK	: PSEUDO 13.5 MHz/27 MHz
PAL	: PAL/NTSC
PLL2	: DIGITAL PLL FOR 2 fsc CK
PPWM	: SAMPLING CK PLL ERROR PWM
SASY	: ANALOG SYNC
SDSY	: DIGITAL SYNC
SFTP	: DIRECTION FOR SCH 0°
STDATA	: SERIAL OUTPUT DATA TO CPU
XSITE	: COMPONENT/COMPOSITE
YCO0 - YCO9	: Y (Y/C) OUTPUT (0 - 9)

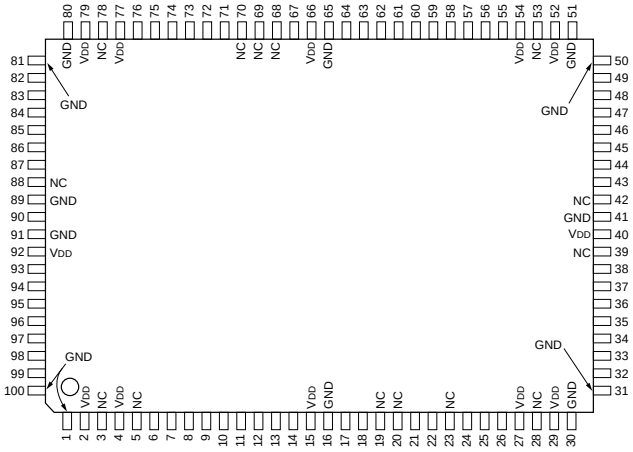

CO0 92
CO1 91
CO2 89
CO3 88
CO4 87
CO5 86
CO6 85
CO7 84
CO8 83
CO9 82
YCO0 114
YCO1 113
YCO2 112
YCO3 111
YCO4 109
YCO5 108
YCO6 107
YCO7 106
YCO8 105
YCO9 104
OWCK 119
ERPWM 69
PPWM 16
PLL2 17
FSC 18
CK2FSC 19
CK4FSC 21
OPARI 118
OCF 117
OHD 115
OVD 116
GH 9
CPWM 6
STDATA 147
SFTP 148
XSITE 149
OER2 72
OER3 73
OER4 74
OER5 75
OER6 76
OER7 77
OER8 78
OER9 79
ADCK 68
ERW 71
GD0 2
GD1 159
GD2 158
GD3 157
GD4 156
GD5 155
GD6 154
GD7 153
MA 3
PAL 4
ANA 5
SASY 12
SDSY 11
TMOD 101
TEST4 95
TEST3 96
TEST2 97
TEST1 98
TEST0 99
TST28 134
TST27 133
TST26 132
TST25 131
TST24 129
TST23 128
TST22 127
TST21 126
TST20 125
TST19 124
TST18 122
TST17 94
TST16 67
TST15 66
TST14 22
TST11 15
DPARI 42
APARI 28
ACV0 29
ACV1 31
ACV2 32
ACV3 33
ACV4 34
ACV5 35
ACV6 36
ACV7 37
ACV8 38
ACV9 39
DCV0 43
DCV1 44
DCV2 45
DCV3 46
DCV4 47
DCV5 48
DCV6 49
DCV7 51
DCV8 52
DCV9 53
IER0 65
IER1 64
IER2 63
IER3 62
IER4 61
IER5 58
IER6 57
IER7 56
IER8 55
IER9 54
OUT CNT 102
A SYNC 13
AGH 8
MD DATA 138
DCSY 14
CL 151
DRSY 123
DSSY 24
DCF0 25
DCF1 26
DCF2 27
ICADD0 146
ICADD1 145
ICADD2 144
ICADD3 143
DDSCK 141
DDSTART 142
OSEL0 135
OSEL1 136
OSEL2 137
OSEL3 152
COEN 93
OEN 103


YC-DATA
MULTIPLEX
Y-DATA
43 - 49, 51 - 53, 42
DCV0 - DCV9, DPARI
29, 31 - 39, 28
ACV0 - ACV9, APARI
65 - 61, 58 - 54
IER0 - IER9
Y/C SEPARATOR
Y
C
DECODE
DIGITAL FILTER
RATE CONVERTOR
Y D2→D1
114 - 111, 109 - 104
YCO0 - YCO9
92 ,91, 89 - 82
CO0 - CO9
OWCK
ERPWM
OUT CNT
BURST PHASE DETECT
TIMING GEN.
4FSC
PPWM
CK4FSC, CK2FSC, FSC
PARITY GEN.
DCSY
CF DETECT
WCK
DIGITAL SYNC SEP.
HVF GEN.
OPARI
OCF
OHD, OVD
ANALOG CLAMP ERROR, H.SEP.
A SYNC
AGH
GH
CPWM
MDDATA
MODE CONTROL
MODE CONT.
STDATA
DDSCK
CK
CL
COEN
OEN
DRSY
DCF0 - 2
ICADD0 - 3
DDSTART
TST11, 14 - 18
TST19 - TST28
DSSY
TEST0 - TEST4
TMOD
OSEL0 - OSEL3
SFTP
XSITE
PLL2
OER2 - OER9
ADCK
ERW
GD0 - GD7
SDSY
SASY
ANA
PAL
MA

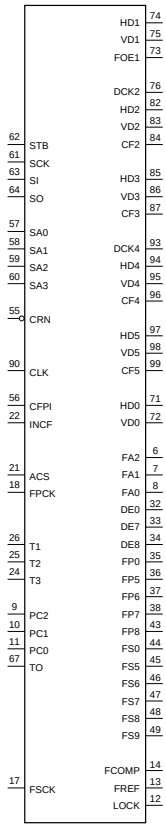
CXD8821Q (SONY)

C-MOS AUDIO TIMING GENERATOR

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	GND	26	I	T1	51	—	GND	76	O	DCK2
2	—	VDD	27	—	VDD	52	—	VDD	77	—	VDD
3	—	NC	28	—	NC	53	—	NC	78	—	NC
4	—	VDD	29	—	VDD	54	—	VDD	79	—	VDD
5	—	NC	30	—	GND	55	I	CRN	80	—	GND
6	O	FA2	31	—	GND	56	I	CFPI	81	—	GND
7	O	FA1	32	O	DE0	57	I	SA0	82	O	HD2
8	O	FA0	33	O	DE7	58	I	SA1	83	O	VD2
9	O	PC2	34	O	DE8	59	I	SA2	84	O	CF2
10	O	PC1	35	O	FP0	60	I	SA3	85	O	HD3
11	O	PC0	36	O	FP5	61	I	SCK	86	O	VD3
12	O	LOCK	37	O	FP6	62	I	STB	87	O	CF3
13	O	FREF	38	O	FP7	63	I	SI	88	—	NC
14	O	FCOMP	39	—	NC	64	O	SO	89	—	GND
15	—	VDD	40	—	VDD	65	—	GND	90	I	CLK
16	—	GND	41	—	GND	66	—	VDD	91	—	GND
17	I	FSCK	42	—	NC	67	O	TO	92	—	VDD
18	I	FPCK	43	O	FP8	68	—	NC	93	O	DCK4
19	—	NC	44	O	FS0	69	—	NC	94	O	HD4
20	—	NC	45	O	FS5	70	—	NC	95	O	VD4
21	I	ACS	46	O	FS6	71	O	HD0	96	O	CF4
22	I	INCF	47	O	FS7	72	O	VD0	97	O	HD5
23	—	NC	48	O	FS8	73	O	FOE1	98	O	VD5
24	I	T3	49	O	FS9	74	O	HD1	99	O	CF5
25	I	T2	50	—	GND	75	O	VD1	100	—	GND

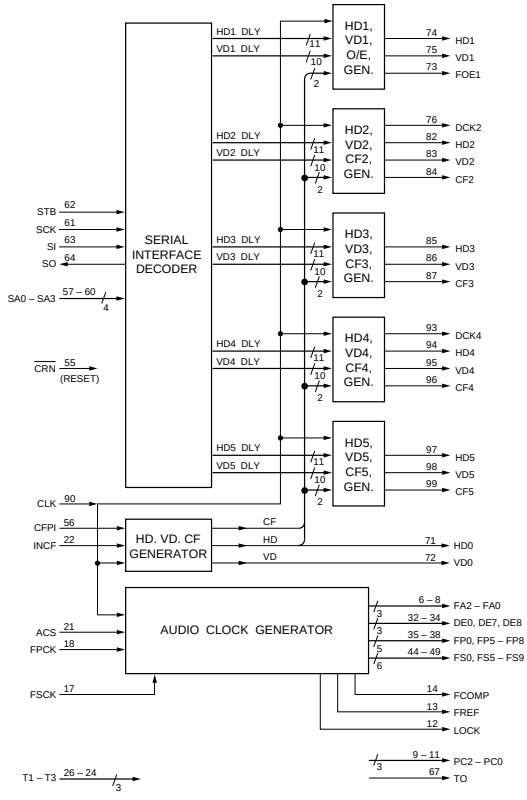


INPUT

ACS : H: 48 kHz AUDIO L: 44.1 kHz AUDIO
CFPI : INPUT CF PULSE
CLK : CLOCK
CRN : POWER ON RESET
FPCK : AUDIO CLOCK (256FS) FOR PROGRAM PLAY
FSCK : AUDIO CLOCK (512FS)
INCF : CF SIGNAL FOR VD2 REFORMING
SA0 – 3 : SERIAL PRESET ADDRESS
SCK : SERIAL CLOCK
SI : SERIAL INPUT DATA
STB : SERIAL START PULSE
T1 – T3 : TEST PIN FOR IC

OUTPUT

CF2 : CF INFORMATION PULSE OF THE #2 GROUP (PROGRAMABLE)
CF3 : CF INFORMATION PULSE OF THE #3 GROUP (PROGRAMABLE)
CF4 : CF INFORMATION PULSE OF THE #4 GROUP (PROGRAMABLE)
CF5 : CF INFORMATION PULSE OF THE #5 GROUP (PROGRAMABLE)
DCK2 : 13.5 MHz CLOCK OF THE #2 GROUP (PROGRAMABLE)
DCK4 : 13.5 MHz CLOCK OF THE #4 GROUP (PROGRAMABLE)
DE0 – 8 : AUDIO CLOCK FOR PITCH CONTROL
FA0 – 2 : AUDIO 5-FIELD SEQ. ID
FCOMP : AUDIO CLOCK FOR PLL
FOE1 : ODD/EVEN SIGNAL OF THE #1 GROUP (PROGRAMABLE)
FP0 – 8 : AUDIO CLOCK FOR PROGRAM PLAY
FREF : REFERENCE CLOCK FOR AUDIO PLL
FS0 – 9 : AUDIO CLOCK (FS9 : 512FS)
HD0 : HD PULSE (UNPROGRAMABLE)
HD1 : HD PULSE OF THE #1 GROUP (PROGRAMABLE)
HD2 : HD PULSE OF THE #2 GROUP (PROGRAMABLE)
HD3 : HD PULSE OF THE #3 GROUP (PROGRAMABLE)
HD4 : HD PULSE OF THE #4 GROUP (PROGRAMABLE)
HD5 : HD PULSE OF THE #5 GROUP (PROGRAMABLE)
LOCK : AUDIO PLL LOCK DET
PC0 – 2 : TEST PIN FOR IC
SO : SERIAL OUTPUT DATA
TO : TEST PIN FOR IC
VD0 : VD PULSE (UNPROGRAMABLE)
VD1 : VD PULSE OF THE #1 GROUP (PROGRAMABLE)
VD2 : VD PULSE OF THE #2 GROUP (PROGRAMABLE)
VD3 : VD PULSE OF THE #3 GROUP (PROGRAMABLE)
VD4 : VD PULSE OF THE #4 GROUP (PROGRAMABLE)
VD5 : VD PULSE OF THE #5 GROUP (PROGRAMABLE)

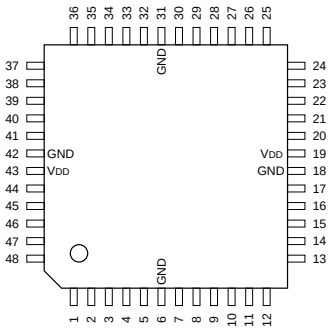


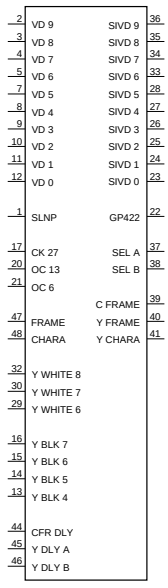
http://getMANUAL.com

CXD8845Q (SONY)

C-MOS D1 SUPERIMPOSER

—TOP VIEW—





PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	SLNP	25	O	SIVD 2
2	I	VD 9	26	O	SIVD 3
3	I	VD 8	27	O	SIVD 4
4	I	VD 7	28	O	SIVD 5
5	I	VD 6	29	I	Y WHITE 6
6	—	GND	30	I	Y WHITE 7
7	I	VD 5	31	—	GND
8	I	VD 4	32	I	Y WHITE 8
9	I	VD 3	33	O	SIVD 6
10	I	VD 2	34	O	SIVD 7
11	I	VD 1	35	O	SIVD 8
12	I	VD 0	36	O	SIVD 9
13	I	Y BLK 4	37	O	SEL A
14	I	Y BLK 5	38	O	SEL B
15	I	Y BLK 6	39	O	C FRAME
16	I	Y BLK 7	40	O	Y FRAME
17	I	CK 27	41	O	Y CHARA
18	—	GND	42	—	GND
19	—	VDD	43	—	VDD
20	I	OC 13	44	I	CFR DLY
21	I	OC 6	45	I	Y DLY A
22	O	GP422	46	I	Y DLY B
23	O	SIVD 0	47	I	FRAME
24	O	SIVD 1	48	I	CHARA

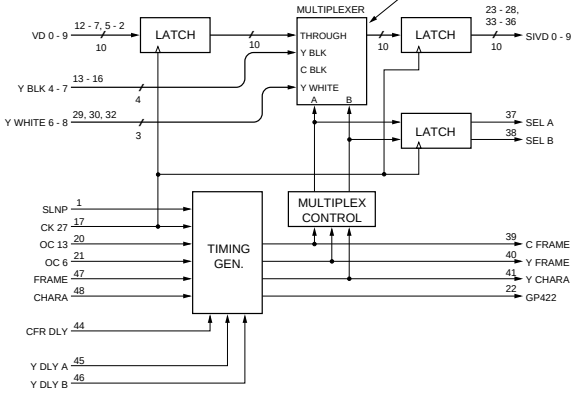
INPUT

CFR DLY ; DELAY CONTROL OF C FRAME SIGNAL
CHARA ; SUPERIMPOSE CHARACTER SIGNAL
CK 27 ; 27 MHz CLOCK
FRAME ; SUPER IMPOSE CHARACTER FRAME
SLNP ; 525/625 LINE SELECTE
VD 0 - 9 ; DIGITAL VIDEO PARALLEL DATA
Y BLK 4 - 7 ; Y BLANKING LEVEL
Y DLY A, B ; DELAY CONTROL OF Y CHARA AND Y FRAME SIGNALS
Y WHITE 6 - 8 ; Y WHITE LEVEL

OUTPUT

C FRAME ; CHROMA FRAME PULSE
GP422 ; 4 : 2 : 2 GROUP PULSE
OC 13 ; 13.5 MHz CLOCK
OC 6 ; 6.75 MHz CLOCK
SEL A, B ; SELECTION SIGNAL OF INNER MULTIPLEXER
SIVD 0 - 9 ; DIGITAL VIDEO PARALLEL DATA AFTER SUPERIMPOSED
Y CHARA ; Y CHARACTER PULSE
Y FRAME ; Y FRAME PULSE

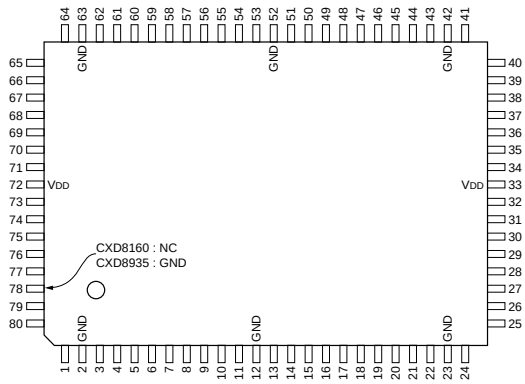
SEL A	SEL B	MPX
0	0	THROUGH
1	0	Y BLK
0	1	C BLK
1	1	Y WHITE



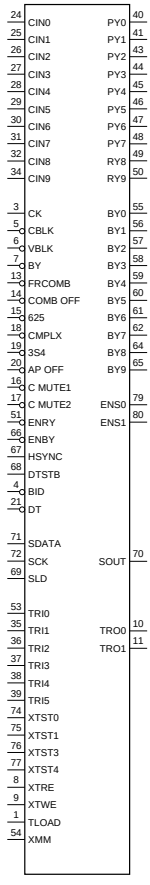
CXD8935BQ (SONY)

C-MOS CHROMA LINE CRAWL CANCELLER AND DIGITAL CLAMPER

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	TLOAD	21	I	$\overline{DT}$	41	O	RY1	61	O	BY6
2	—	GND	22	I	TRST	42	—	GND	62	O	BY7
3	I	CK	23	—	GND	43	O	RY2	63	—	GND
4	I	$\overline{BID}$	24	I	CIN0	44	O	RY3	64	O	BY8
5	I	$\overline{CBLK}$	25	I	CIN1	45	O	RY4	65	O	BY9
6	I	$\overline{VBLK}$	26	I	CIN2	46	O	RY5	66	I	$\overline{ENBY}$
7	I	$\overline{BY}$	27	I	CIN3	47	O	RY6	67	I	HSYNC
8	I	XTRE	28	I	CIN4	48	O	RY7	68	I	DTSTB
9	I	XTWE	29	I	CIN5	49	O	RY8	69	I	SLD
10	O	TRO0	30	I	CIN6	50	O	RY9	70	O	SOUT
11	O	TRO1	31	I	CIN7	51	I	$\overline{ENRY}$	71	I	SDATA
12	—	GND	32	I	CIN8	52	—	GND	72	I	SCK
13	I	$\overline{FRCOMB}$	33	—	VDD	53	I	TRI0	73	—	VDD
14	I	$\overline{COMB\ OFF}$	34	I	CIN9	54	I	XMM	74	I	XTST0
15	I	$\overline{625}$	35	I	TRI1	55	O	BY0	75	I	XTST1
16	I	$\overline{C\ MUTE\ 1}$	36	I	TRI2	56	O	BY1	76	I	XTST2
17	I	$\overline{C\ MUTE\ 2}$	37	I	TRI3	57	O	BY2	77	I	XTST3
18	I	$\overline{CMPLX}$	38	I	TRI4	58	O	BY3	78	—	NC (CXD8160) GND (CXD8935)
19	I	$\overline{3S4}$	39	I	TRI5	59	O	BY4	79	O	ENS0
20	I	$\overline{AP\ OFF}$	40	O	RY0	60	O	BY5	80	O	ENS1



INPUT

3S4 ; L : COMPRESS BY 3/4
625 ; LIMITER LEVEL (H : 12.5%, L : 6.25%)
AP OFF ; L : SIN (X)/X CORRECTION OFF
BID ; L : BIDIREX
BY ; COMPLEXED CHROMA DATA POSITION (H : R-Y, L : B-Y)
CBLK ; L : COMPOSITE BLANKING
CIN0 - CIN9 ; COMPLEXED CHROMA DATA (10-BIT)
CK ; SYSTEM CLOCK
CMPLX ; L : COMPLEX
C MUTE1, 2 ; L : CHROMA DATA MUTE
COMB OFF ; L : COMB FILTER OFF MODE
DT ; L : DYNAMIC TRACKING MODE
DTSTB ; TEST MODE B-Y/R-Y STROBE
ENBY ; L : B-Y ENABLE
ENRY ; L : R-Y ENABLE
FRCOMB ; L : COMB FILTER ON MODE
HSYNC ; HORIZONTAL SYNC
SCK ; SERIAL CLOCK
SDATA ; SERIAL DATA
SLD ; SERIAL LATCH PULSE
TLOAD ; TEST MODE
TRI0 - TRI5 ; TEST MODE
TRST, XMM ; TEST MODE
VBLK ; L : V BLANKING
XTRE ; TEST MODE
XTST0 - 3 ; TEST MODE
XTWE ; TEST MODE

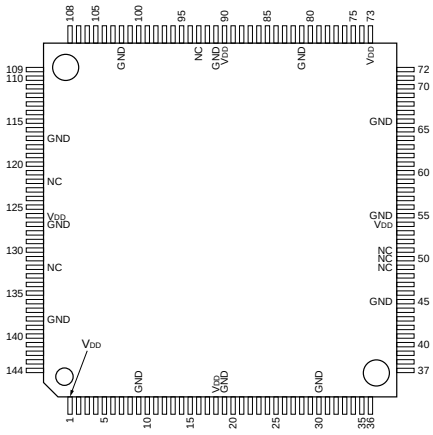
OUTPUT

BY0-BY9 ; B-Y CHROMA DATA or COMPLEXED CHROMA DATA
ENS0, 1 ; COMPRESS CHROMA EDGE DATA
RY0 - RY9 ; R-Y CHROMA DATA or COMPLEXED DATA for D1 INTERFACE
SOUT ; SERIAL DATA
TRO0, 1 ; TEST MODE

CXD8997R (SONY)

C-MOS TIMING GENERATOR AND VIDEO DATA SELECTOR

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	37	O	VD6	73	—	VDD	109	I/O	SYIO7
2	O	HD0	38	O	CF6	74	I	AINPR	110	I/O	SYIO6
3	O	VD0	39	O	FR6	75	I	AINCF	111	I/O	SYIO5
4	O	CF0	40	O	GOP6	76	I	AINVD	112	I/O	SYIO4
5	O	FR0	41	O	HD7	77	I	AINHD	113	I/O	SYIO3
6	O	GOP0	42	O	VD7	78	I	AIN9	114	I/O	SYIO2
7	O	HD1	43	O	CF7	79	I	AIN8	115	I/O	SYIO1
8	O	VD1	44	O	FR7	80	I	AIN7	116	I/O	SYIO0
9	—	GND	45	—	GND	81	—	GND	117	—	GND
10	O	CF1	46	O	GOP7	82	I	AIN6	118	I	STAT1
11	O	FR1	47	O	SVREF	83	I	AIN5	119	I	STAT0
12	O	GOP1	48	O	SWSET	84	I	AIN4	120	I	STRB
13	O	HD2	49	—	NC	85	I	AIN3	121	I	$\overline{CS}$
14	O	VD2	50	—	NC	86	I	AIN2	122	—	NC
15	O	CF2	51	—	NC	87	I	AIN1	123	I	AUCK
16	O	FR2	52	O	RSV1	88	I	AIN0	124	I	AUPIN
17	O	GOP2	53	O	RSV0	89	I	$\overline{CLR}$	125	O	AUPOUT
18	—	VDD	54	—	VDD	90	—	VDD	126	—	VDD
19	—	GND	55	—	GND	91	—	GND	127	—	GND
20	O	HD3	56	O	ENCFR	92	O	SWAB	128	I/O	ADVCF2
21	O	VD3	57	O	ENCGOP	93	—	NC	129	I/O	ADVCF1
22	O	CF3	58	O	OUTPR	94	I	BINPR	130	I/O	ADVCF0
23	O	FR3	59	O	OUTCF	95	I	BINCF	131	I	TEST5
24	O	GOP3	60	O	OUTVD	96	I	BINVD	132	—	NC
25	O	HD4	61	O	OUTHD	97	I	BINHD	133	I	TEST3
26	O	VD4	62	O	OUT9	98	I	BIN9	134	I	TEST2
27	O	CF4	63	O	OUT8	99	I	BIN8	135	I	TEST1
28	O	FR4	64	O	OUT7	100	I	BIN7	136	I	TEST0
29	O	GOP4	65	O	OUT6	101	I	BIN6	137	I	CK
30	—	GND	66	—	GND	102	—	GND	138	—	GND
31	O	HD5	67	O	OUT5	103	I	BIN5	139	I	ICF2
32	O	VD5	68	O	OUT4	104	I	BIN4	140	I	ICF1
33	O	CF5	69	O	OUT3	105	I	BIN3	141	I	ICF0
34	O	FR5	70	O	OUT2	106	I	BIN2	142	I	IVST
35	O	GOP5	71	O	OUT1	107	I	BIN1	143	I	REFHD
36	O	HD6	72	O	OUT0	108	I	BIN0	144	I	REFCF

INPUT

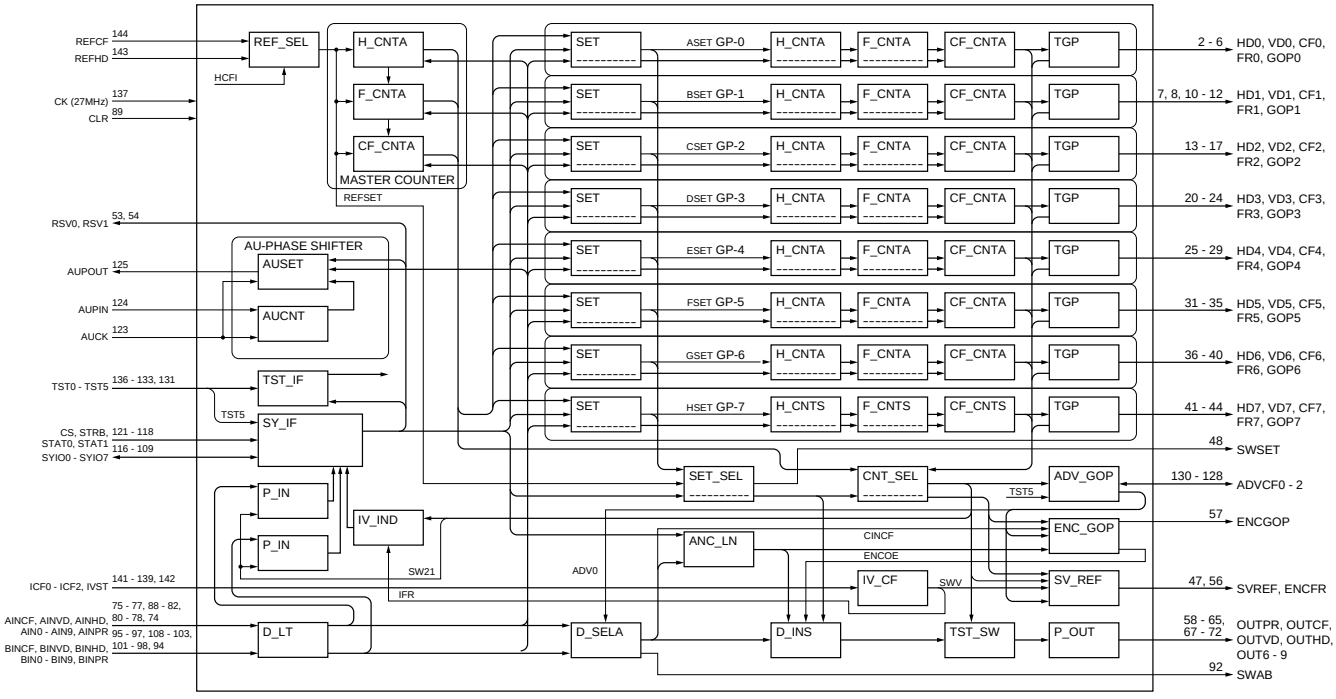
AIN0 - AIN9	; VIDEO DATA (FOR CH-A)
AINCF	; COLOR FRAMING INFORMATION (FOR CH-A)
AINHD	; HORIZONTAL DRIVE (FOR CH-A)
AINPR	; PARITY BIT (FOR CH-A)
AINVD	; VERTICAL DRIVE (FOR CH-A)
AUCK	; 24 MHz AUDIO CLOCK
AUPIN	; AUDIO PULSE
BIN0 - BIN9	; VIDEO DATA (FOR CH-B)
BINCF	; COLOR FRAMING INFORMATION (FOR CH-B)
BINHD	; HORIZONTAL DRIVE (FOR CH-B)
BINPR	; PARITY BIT (FOR CH-B)
BINVD	; VERTICAL DRIVE (FOR CH-B)
CK	; 27 MHz SYSTEM CLOCK
$\overline{CLR}$	; CLEAR
$\overline{CS}$	; CHIP SELECT
ICF0 - ICF2	; INPUT COLOR FRAMING INFORMATION FROM TBC BUFFER
IVST	; INPUT VERTICAL START FROM TBC BUFFER
REFCF	; REFERENCE COLOR FRAMING
REFHD	; REFERENCE HD
STAT0, STAT1	; STATUS BIT
STRB	; STROBE PULSE
TEST0 - TEST5	; TEST

OUTPUT

AUPOUT	; AUDIO PULSE
CF0 - CF7	; COLOR FRAMING INFORMATION
ENCFR	; REFERENCE FRAME PULSE (FOR READ)
ENCGOP	; REFERENCE GOP PULSE (FOR WRITE)
FR0 - FR7	; FRAME
GOP0 - GOP7	; GOP
HD0 - HD7	; HORIZONTAL DRIVE
OUT0 - OUT9	; SELECT VIDEO DATA
OUTCF	; COLOR FRAMING INFORMATION FOR SELECT DATA
OUTHD	; HORIZONTAL DRIVE FOR SELECT DATA
OUTPR	; PARITY BIT FOR SELECT DATA
OUTVD	; VERTICAL DRIVE FOR SELECT DATA
RSV0, RSV1	; RESERVE DATA
SVREF	; SERVO REFERENCE PULSE
SWAB	; CH-A/CH-B DATA SELECT
SWSET	; COLOR FRAMING SETTING PULSE
VD0 - VD7	; VERTICAL DRIVE

INPUT/OUTPUT

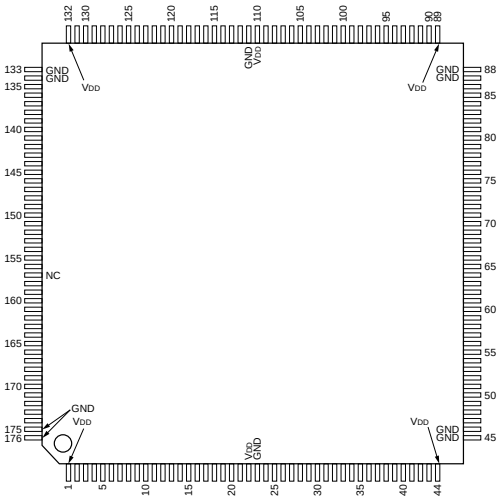
ADVCF0 - ADVCF2	; 0.5 FIELD ADVANCED REFERENCE CF INF.
SYIO0 - SYIO7	; SYSTEM CONTROL DATA BUS


REFCF 144
REFHD 143
HCFI
CK (27MHz) 137
CLR 89
REF_SEL
H_CNTA
F_CNTA
CF_CNTA
MASTER COUNTER
REFSET
RSV0, RSV1 53, 54
AU-PHASE SHIFTER
AUPOUT 125
AUPIN 124
AUCK 123
AUSET
AUCNT
TST0 - TST5 136 - 133, 131
TST_IF
TST5
CS, STRB, STAT0, STAT1 121 - 118
SYIO0 - SYIO7 116 - 109
SY_IF
P_IN
P_IN
IV_IND
SW21
ICF0 - ICF2, IVST 141 - 139, 142
IFR
AINCF, AINVD, AINHD, AIN0 - AIN9, AINPR 75 - 77, 88 - 82, 80 - 78, 74
BINCF, BINVD, BINHD, BIN0 - BIN9, BINPR 95 - 97, 108 - 103, 101 - 98, 94
D_LT
SET
ASET GP-0
BSET GP-1
CSET GP-2
DSET GP-3
ESET GP-4
FSET GP-5
GSET GP-6
HSET GP-7
H_CNTA
F_CNTA
CF_CNTA
H_CNTS
F_CNTS
CF_CNTS
TGP
2 - 6 HD0, VD0, CF0, FR0, GOP0
7, 8, 10 - 12 HD1, VD1, CF1, FR1, GOP1
13 - 17 HD2, VD2, CF2, FR2, GOP2
20 - 24 HD3, VD3, CF3, FR3, GOP3
25 - 29 HD4, VD4, CF4, FR4, GOP4
31 - 35 HD5, VD5, CF5, FR5, GOP5
36 - 40 HD6, VD6, CF6, FR6, GOP6
41 - 44 HD7, VD7, CF7, FR7, GOP7
48 SWSET
SET_SEL
CNT_SEL
ADV_GOP
130 - 128 ADVCF0 - 2
TST5
57 ENCGOP
ENC_GOP
ANC_LN
CINCF
ENCOE
ADV0
IV_CF
SWV
SV_REF
47, 56 SVREF, ENCFR
D_SELA
D_INS
TST_SW
P_OUT
58 - 65, 67 - 72 OUTPR, OUTCF, OUTVD, OUTHD, OUT6 - 9
92 SWAB

CXD9001AR (SONY)

C-MOS CPU R3041 PERIPHERAL

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	45	—	GND	89	—	VDD	133	—	GND
2	O	RDENN	46	—	GND	90	I/O	PIO2P00	134	—	GND
3	O	WRENN	47	I	RESETN	91	I/O	PIO2P01	135	I	INTP0
4	I	CTC1CLK0	48	I	SIOCLK	92	I/O	PIO2P02	136	I	INTP1
5	I	CTC1G0	49	O	SIO1TXD	93	I/O	PIO2P03	137	I	INTP2
6	O	CTC1OUT0	50	I	SIO1RXD	94	I/O	PIO2P04	138	I	INTP3
7	I	CTC1CLK1	51	O	SIO1INT	95	I/O	PIO2P05	139	I	INTP4
8	I	CTC1G1	52	I	SIO2CTS	96	I/O	PIO2P06	140	I	INTP5
9	O	CTC1OUT1	53	I	SIO2DSR	97	I/O	PIO2P07	141	I	INTP6
10	I	CTC1CLK2	54	O	SIO2TXD	98	I	TEST2	142	I	INTP7
11	I	CTC1G2	55	I	SIO2RXD	99	I/O	PIO2P10	143	O	INT
12	O	CTC1OUT2	56	O	SIO2INT	100	I/O	PIO2P11	144	I/O	SIO2BRK
13	O	EXTDENN	57	O	SIORDN	101	I/O	PIO2P12	145	I	EXTFRAME
14	O	IOENN	58	O	SIOWRN	102	I/O	PIO2P13	146	O	FRAME
15	I	BEN0	59	O	SIOCDN	103	I/O	PIO2P14	147	O	VINT
16	I	BEN1	60	O	SIOBAN	104	I/O	PIO2P15	148	O	S8W4CSN
17	I	BEN2	61	I/O	PIO1P00	105	I/O	PIO2P16	149	I	SYSCLKN
18	I	BEN3	62	I/O	PIO1P01	106	I/O	PIO2P17	150	I	DATAENN
19	I	A0	63	I/O	PIO1P02	107	I	TEST3	151	I	BURSTN
20	I	A1	64	I/O	PIO1P03	108	I/O	PIO2P20	152	I	LASTN
21	I	A23	65	I/O	PIO1P04	109	I/O	PIO2P21	153	I	RDN
22	—	VDD	66	I/O	PIO1P05	110	—	VDD	154	I	WRN
23	—	GND	67	I/O	PIO1P06	111	—	GND	155	O	ACKN
24	I	A24	68	I/O	PIO1P07	112	I/O	PIO2P22	156	O	RDCENN
25	I	A25	69	I	TEST0	113	I/O	PIO2P23	157	—	NC
26	I	A26	70	I/O	PIO1P10	114	I/O	PIO2P24	158	O	S8W3CSN1
27	I	A27	71	I/O	PIO1P11	115	I/O	PIO2P25	159	O	S8W3CSN2
28	I	A28	72	I/O	PIO1P12	116	I/O	PIO2P26	160	O	S8W3CSN3
29	I/O	D0	73	I/O	PIO1P13	117	I/O	PIO2P27	161	O	S8W3CSN4
30	I/O	D1	74	I/O	PIO1P14	118	O	S16W2CSN	162	O	S8W3CSN5
31	I/O	D2	75	I/O	PIO1P15	119	O	S16W3CSN	163	O	S8W3CSN6
32	I/O	D3	76	I/O	PIO1P16	120	I	CTC2CLK0	164	O	V8W3CSN
33	I/O	D4	77	I/O	PIO1P17	121	I	CTC2G0	165	O	FIFOREN1
34	I/O	D5	78	I	TEST1	122	O	CTC2OUT0	166	O	FIFOREN2
35	I/O	D6	79	I/O	PIO1P20	123	I	CTC2CLK1	167	O	FIFOREN3
36	I/O	D7	80	I/O	PIO1P21	124	I	CTC2G1	168	O	FIFOREN4
37	O	FLASHCSN	81	I/O	PIO1P22	125	O	CTC2OUT1	169	O	FIFOWEN1
38	O	SRAM1CS	82	I/O	PIO1P23	126	I	CTC2CLK2	170	O	FIFOWEN2
39	O	SRAM2CS	83	I/O	PIO1P24	127	I	CTC2G2	171	O	FIFOWEN3
40	O	WRENNA	84	I/O	PIO1P25	128	O	CTC2OUT2	172	O	FIFOWEN4
41	O	WRENNB	85	I/O	PIO1P26	129	O	HALFCLK	173	O	FIFORCKN
42	O	WRENNC	86	I/O	PIO1P27	130	O	V8W6CSN	174	O	IOENN2
43	O	WRENND	87	—	GND	131	I	VARWAITN	175	—	GND
44	—	VDD	88	—	GND	132	—	VDD	176	—	GND

INPUT

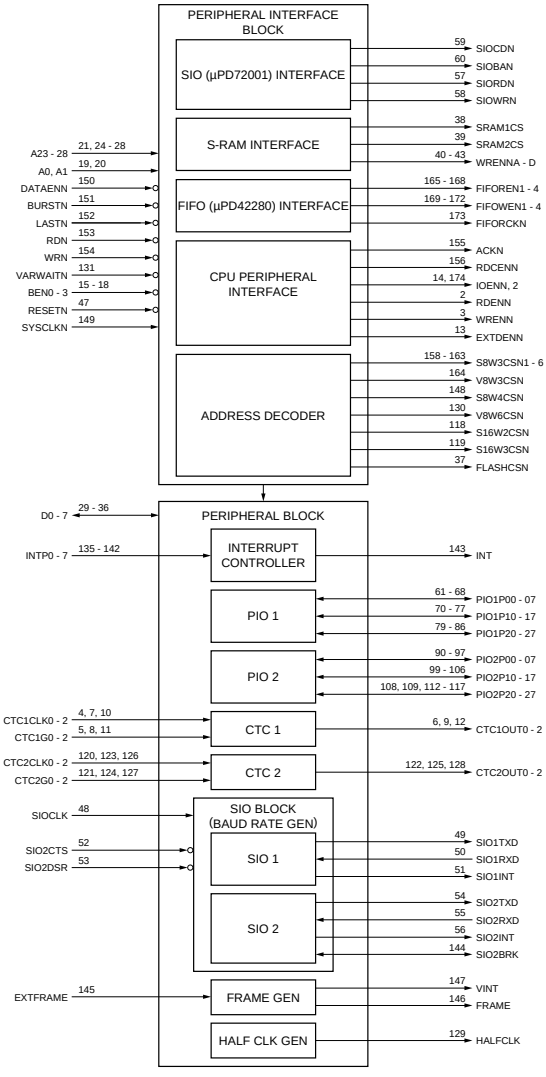
A0, A1	; ADDRESS BUS
A23 - A28	; ADDRESS BUS
BEN0 - BEN3	; 1st TO 4th BYTE SELECT
BURSTN	; CPU BURST
CTC1CLK0 - CTC1CLK2	; CTC CLOCK
CTC1G0 - CTC1G2	; CTC GATE
CTC2CLK0 - CTC2CLK2	; CTC2 CLOCK
CTC2G0 - CTC2G2	; CTC2 GATE
DATAENN	; CPU DATA ENABLE
EXTFRAME	; EXTERNAL FRAME
INTP0 - INTP7	; INTERRUPT
LASTN	; CPU LAST
RDN	; CPU READ
RESETN	; CPU RESET
SIO1RXD	; SIO1 RECEIVE DATA
SIO2CTS	; SIO2 CTS
SIO2DSR	; SIO2 DSR
SIO2RXD	; SIO2 RECEIVE DATA
SIOCLK	; SIO CLOCK
SYSCLKN	; CPU SYSTEM CLOCK
TEST0 - TEST3	; TEST
VARWAITN	; VARIABLE WAIT
WRN	; CPU WRITE

OUTPUT

ACKN	; CPU ACKNOWLEDGE
CTC1OUT0 - CTC1OUT2	; CTC1 OUT
CTC2OUT0 - CTC2OUT2	; CTC2 OUT
EXTDENN	; READ/WRITE SELECT
FIFORCKN	; FIFO READ CLOCK
FIFOREN1 - FIFOREN4	; FIFO READ ENABLE
FIFOWEN1 - FIFOWEN4	; FIFO WRITE ENABLE
FLASHCSN	; FLASH ROM CHIP SELECT
FRAME	; FRAME
HALFCLK	; DIVIDED-BY-TWO SYSTEM CLOCK
INT	; INTERRUPT
IOENN	; DATA BUS DRIVER ENABLE
IOENN2	; 2nd DATA BUS DRIVER ENABLE
RDCENN	; CPU READ CHIP ENABLE
RDENN	; READ
S16W2CSN	; 16-BIT 2-WAIT CHIP ENABLE
S16W3CSN	; 16-BIT 3-WAIT CHIP ENABLE
S8W3CSN1 - S8W3CSN6	; 8-BIT 3-WAIT CHIP ENABLE
S8W4CSN	; 8-BIT 4-WAIT CHIP ENABLE
SIO1INT	; SIO1 INTERRUPT
SIO1TXD	; SIO1 TRANSMIT DATA
SIO2INT	; SIO2 INTERRUPT
SIO2TXD	; SIO2 TRANSMIT DATA
SIOBAN	; SIO B/A
SIOCDN	; SIO C/D
SIORDN	; SIO READ
SIOWRN	; SIO WRITE
SRAM1CS	; SRAM1 CHIP SELECT
SRAM2CS	; SRAM2 CHIP SELECT
V8W3CSN	; VARIABLE WAIT 8-BIT 3-WAIT CHIP ENABLE
V8W6CSN	; VARIABLE WAIT 8-BIT 6-WAIT CHIP ENABLE
VINT	; FRAME INTERRUPT
WRENN	; WRITE
WRENNA - WRENND	; SRAM 1st TO 4th BYTE WRITE

INPUT/OUTPUT

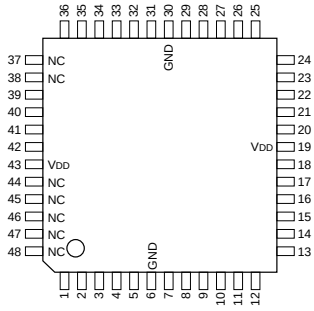
D0 - D7	; DATA BUS
PIO1P00 - PIO1P07	; PIO1 PORT0
PIO1P10 - PIO1P17	; PIO1 PORT1
PIO1P20 - PIO1P27	; PIO1 PORT2
PIO2P00 - PIO2P07	; PIO2 PORT0
PIO2P10 - PIO2P17	; PIO2 PORT1
PIO2P20 - PIO2P27	; PIO2 PORT2
SIO2BRK	; SIO2 SYNC/BRK



CXK1203AR (SONY)
CXK1203AR-T4

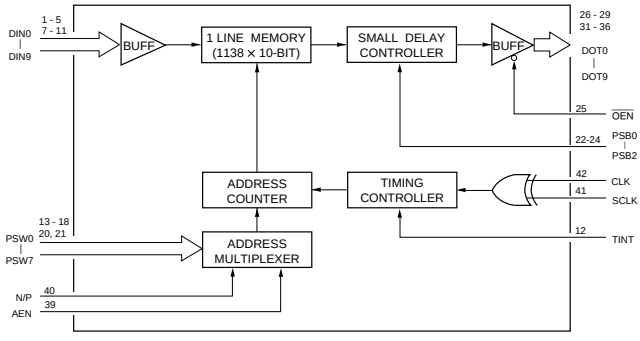
C-MOS DIGITAL LINE MEMORY

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	D0	13	I	PSW7	25	I	$\overline{OEN}$	37	—	NC
2	I	D1	14	I	PSW6	26	O	DOT9	38	—	NC
3	I	D2	15	I	PSW5	27	O	DOT8	39	I	AEN
4	I	D3	16	I	PSW4	28	O	DOT7	40	I	N/P
5	I	D4	17	I	PSW3	29	O	DOT6	41	I	SCLK
6	—	GND	18	I	PSW2	30	—	GND	42	I	CLK
7	I	D5	19	—	VDD	31	O	DOT5	43	—	VDD
8	I	D6	20	I	PSW1	32	O	DOT4	44	—	NC
9	I	D7	21	I	PSW0	33	O	DOT3	45	—	NC
10	I	D8	22	I	PSB2	34	O	DOT2	46	—	NC
11	I	D9	23	I	PSB1	35	O	DOT1	47	—	NC
12	I	TINT	24	I	PSB0	36	O	DOT0	48	—	NC

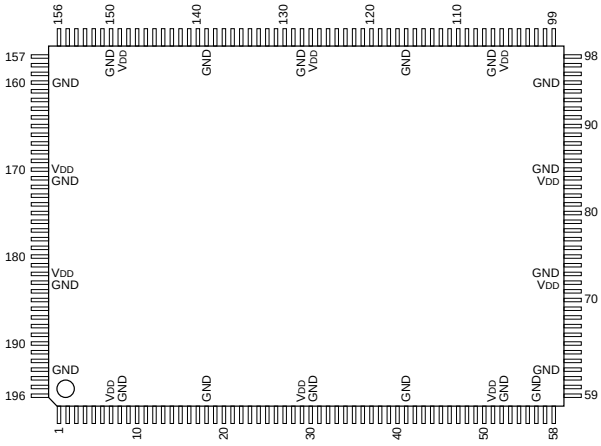
AEN : LINE MEMORY SELECT
CLK : CLOCK
DIN0 - DIN9 : VIDEO DATA INPUT
DOT0 - DOT9 : VIDEO DATA OUTPUT
N/P : NTSC/PAL/SECAM SELECT
OEN : OUTPUT ENABLE
PSB0 - PSB2 : DELAY STEP SELECT (1-BITxN)
PSW0 - PSW7 : DELAY STEP SELECT (8-BITxN)
SCLK : CLOCK EDGE SELECT
TINT : TEST



CXD9008Q (FUJITSU)

C-MOS DIGITAL ENCODER

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	REF HD	41	—	GND	81	—	∗1	121	O	CMPNTB 0	161	I	CK8FSC
2	I	REF VD	42	O	DDATA 5	82	I	T04	122	O	CMPNTB 1	162	O	F4HD
3	I	REF CF	43	O	DDATA 4	83	I	R05	123	O	CMPNTB 2	163	I	PAL/NTSC
4	I	T00	44	O	DDATA 3	84	—	VDD	124	O	CMPNTB 3	164	I	TSEL 1
5	I	T01	45	O	DDATA 2	85	—	GND	125	O	CMPNTB 4	165	I	TSEL 2
6	I	T02	46	O	DDATA 1	86	O	CMPSTE 5	126	O	CMPNTB 5	166	I	TSEL 3
7	—	VDD	47	O	DDATA 0	87	O	CMPSTE 6	127	—	VDD	167	I	MUTE/TSEL 4
8	—	GND	48	—	T12	88	O	CMPSTE 7	128	—	GND	168	I	TSEL 5
9	I	POWER ON RESET	49	O	D1 HD	89	O	CMPSTE 8	129	O	CMPNTB 6	169	I	TSEL 6
10	I	T26	50	O	DDCF 2	90	O	CMPSTE 9	130	O	CMPNTB 7	170	—	VDD
11	I	PB DATA 09	51	—	VDD	91	I	T16	131	O	CMPNTB 8	171	—	GND
12	I	PB DATA 08	52	—	GND	92	O	CMPNTY 0	132	O	CMPNTB 9	172	I	TSEL 7
13	I	PB DATA 07	53	O	DDCF 1	93	O	CMPNTY 1	133	O	CLAMP P	173	O	DREF CF 0
14	I	PB DATA 06	54	O	DDCF 0	94	O	CMPNTY 2	134	I	T22	174	O	DREF CF 1
15	I	PB DATA 05	55	O	DPRITY	95	—	GND	135	I	T23	175	O	DREF CF 2
16	I	PB DATA 04	56	O	D2SYNC	96	O	CMPNTY 3	136	I	CADDR 0	176	O	DPB CF 0
17	I	PB DATA 03	57	I	T13	97	O	CMPNTY 4	137	I	CADDR 1	177	O	DPB CF 1
18	—	GND	58	O	VISC 0	98	O	CMPNTY 5	138	I	CADDR 2	178	O	DPB CF 2
19	I	PB DATA 02	59	O	VISC 1	99	O	CMPNTY 6	139	—	GND	179	I	∗2
20	I	PB DATA 01	60	O	VISC 2	100	O	CMPNTY 7	140	I	∗2	180	I	∗2
21	I	PB DATA 00	61	O	VISC 3	101	O	CMPNTY 8	141	O	BBRST 0	181	I	T28
22	I	PB HD	62	—	GND	102	O	CMPNTY 9	142	O	BBRST 1	182	—	VDD
23	I	PB VD	63	O	VISC 4	103	I	T17	143	O	BBRST 2	183	—	GND
24	I	PB CF	64	O	VISC 5	104	I	T18	144	O	BBRST 3	184	O	WCK4FSC
25	I	PB PARITY	65	O	VISC 6	105	—	VDD	145	O	BBRST 4	185	I	T27
26	I	T03	66	O	VISC 7	106	—	GND	146	O	BBRST 5	186	I	DB START
27	O	WRADDR	67	O	VISC 8	107	I	T19	147	O	BBRST 6	187	I	DD SCK
28	O	RDADDR	68	O	VISC 9	108	O	CMPNTR 0	148	O	BBRST 7	188	I	MODE DATA
29	—	VDD	69	I	T14	109	O	CMPNTR 1	149	—	VDD	189	O	STSDATA
30	—	GND	70	O	HSHIFT	110	O	CMPNTR 2	150	—	GND	190	O	ADD CHECK
31	I	T06	71	O	VSHIFT	111	O	CMPNTR 3	151	O	BBRST 8	191	I	T29
32	I	T07	72	—	VDD	112	O	CMPNTR 4	152	O	BBRST 9	192	I	T30
33	I	T08	73	—	GND	113	O	CMPNTR 5	153	I	∗2	193	—	GND
34	I	T09	74	O	CK4FSC	114	O	CMPNTR 6	154	O	FAIHD	194	I	CK27
35	I	T10	75	I	T15	115	O	CMPNTR 7	155	O	H.H MUTE	195	I	T31
36	I	T11	76	O	CMPSTE 0	116	—	GND	156	I	ICADDR 0	196	I	T32
37	O	DDATA 9	77	O	CMPSTE 1	117	O	CMPNTR 8	157	I	ICADDR 1			
38	O	DDATA 8	78	O	CMPSTE 2	118	O	CMPNTR 9	158	I	ICADDR 2			
39	O	DDATA 7	79	O	CMPSTE 3	119	I	T20	159	I	ICADDR 3			
40	O	DDATA 6	80	O	CMPSTE 4	120	I	T21	160	—	GND			

∗1 Connect Pin 81 to ground.

∗2

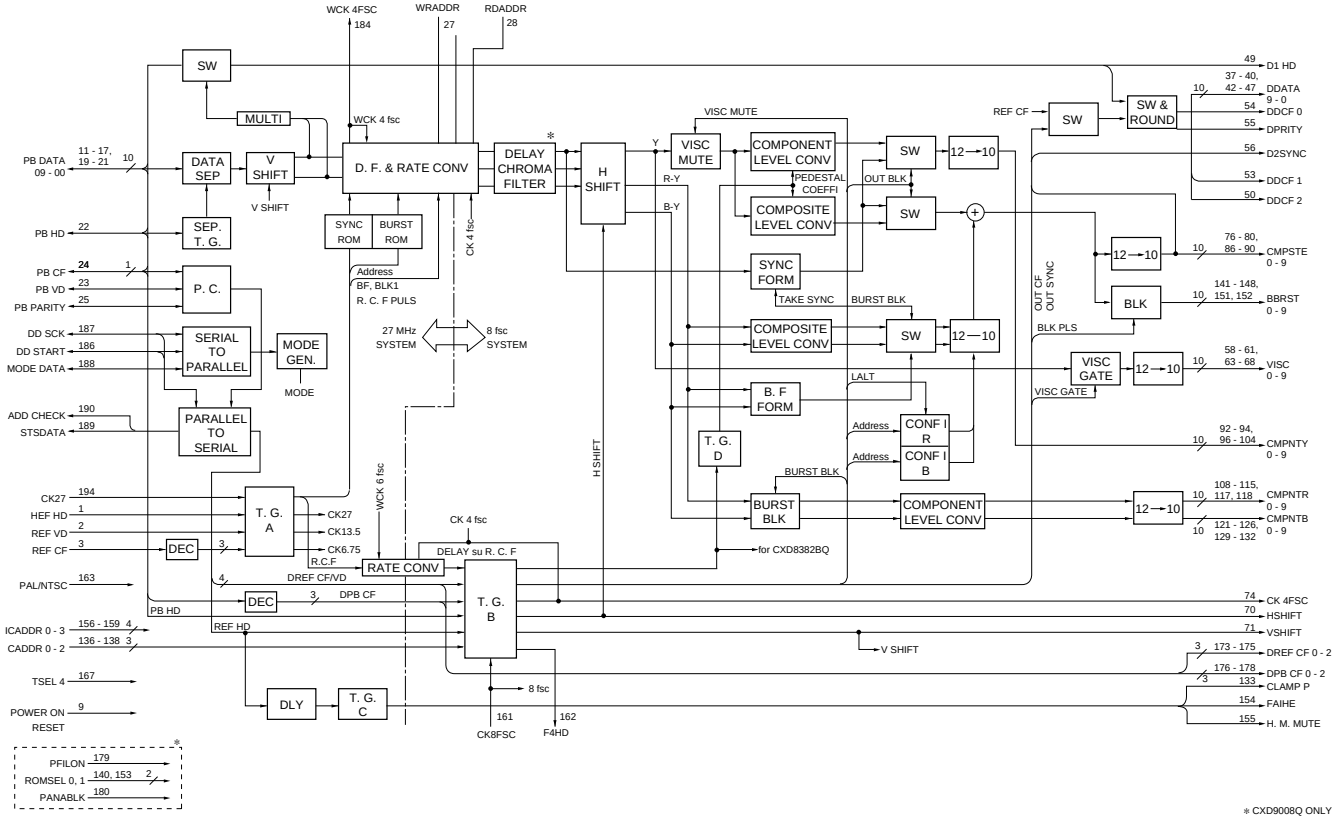
TYPE	PIN NO.			
	140	153	179	180
CXD8382AQ CXD8382BQ	T24	T25	T33	T34
CXD9008Q	ROMSEL0	ROMSEL1	PFILON	PANABLK

INPUT

CADDR 0 - 2	:	SCH SETUP OF OUTPUT SIGNAL
CK 8FSC	:	STANDARD CLOCK FOR 8 fsc MODE
CK27	:	STANDARD CLOCK FOR 27 MHz MODE
DD SCK	:	CLOCK FOR SERIAL COMMUNICATION BETWEEN MICROCOMPUTER
DD START	:	STATUS PULSE FOR SERIAL COMMUNICATION BETWEEN MICROCOMPUTER
ICADDR 0 - 3	:	ADDRESS AUTHORIZE
MODE DATA	:	DATA FOR SERIAL COMMUNICATION BETWEEN MICROCOMPUTER
PANABLK	:	ANALOG BLANKING ON/$\overline{\text{OFF}}$ CONTROL
PAL/NTSC	:	INITAL SETUP
PB CF	:	COLOR FRAME (3-BIT) OF IMAGE DATA
PB DATA 00 - 09	:	IMAGE DATA
PB HD	:	HD OF IMAGE DATA
PB VD	:	VD OF IMAGE DATA
PB PARITY	:	PARITY BIT OF IMAGE DATA
PFILON	:	CHROMA FILTER ON/$\overline{\text{OFF}}$ CONTROL
POWER ON RESET	:	RESET TERMINAL
REF CF	:	COLOR FRAME OF REFERENCE
REF HD	:	HD OF REFERENCE
REF VD	:	VD OF REFERENCE
ROMSEL 0, 1	:	CHROMA FILTER COEFFICIENT SELECT

OUTPUT

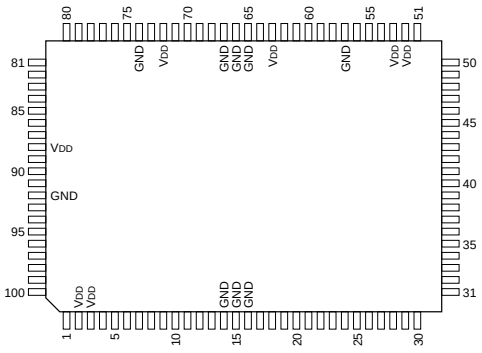
ADD CHECK	:	CLOCK FOR SERIAL COMMUNICATION RECEIVE CHECK BETWEEN MICROCOMPUTER
BBRST 0 - 9	:	DIGITAL DATA FOR BLACK BURST
CK 4FSC	:	4 fsc CLOCK AT 8 fsc COUNT DOWN
CLAMP P	:	CLAMP PULSE
CMPNTB 0 - 9	:	COMPONENT B DIGITAL DATA
CMPNTR 0 - 9	:	COMPONENT R DIGITAL DATA
CMPNTY 0 - 9	:	COMPONENT Y DIGITAL DATA
CMPSTE 0 - 9	:	COMPONENT DIGITAL DATA
DDATA 0 - 9	:	IMAGE DATA AT D1 OUTPUT MODE, D2 DATA AT D2 OUTPUT MODE
D PARITY	:	PARITY BIT FOR DIGITAL DATA
D1 HD	:	HD OF 27 MHz (PHASE AGREE WITH DDATA)
DDCF 0	:	ON THE BIT 0 OF COLOR FRAME AT D1 AND D2 OUTPUT MODE
DDCF 1	:	COLOR FRAME (3-BIT) AT D1 OUTPUT MODE ON THE BIT1 OF COLOR FRAME AT D2 OUTPUT MODE
DDCF 2	:	ON THE BIT2 OF COLOR FRAME AT D2 OUTPUT MODE
DPB CF 0 - 2	:	PB CF DECODER DATA
DREF CF 0 - 2	:	REF CF DECODER DATA
F4 HD	:	HD MAKE OF 4 fsc
FAIHD	:	HD OF 27MHz SYNC PHASE AGREE WITH ANALOG DATA
H. H MUTE	:	MAKE DATA FAIHD
HSHIFT	:	H SHIFT MODE
RDADDR	:	FIFO READ ADDRESS MSB DATA FOR RATE CONVERT
STSDATA	:	RESPONCE FOR SERIAL COMMUNICATION BETWEEN MICROCOMPUTER
VSHIFT	:	V SHIFT MODE
VISC 0 - 9	:	VISC DIGITAL DATA
WCK 4FSC	:	4 fsc CLOCK FOR RATE CONVERT
WRADDR	:	FIFO WRITE ADDRESS MSB DATA FOR RATE CONVERT


WCK 4FSC
184
WRADDR
27
RDADDR
28
SW
MULTI
WCK 4 fsc
PB DATA
09 - 00
11 - 17,
19 - 21
10
DATA SEP
V SHIFT
V SHIFT
D. F. & RATE CONV
DELAY CHROMA FILTER
H SHIFT
Y
R-Y
B-Y
VISC MUTE
VISC MUTE
COMPONENT LEVEL CONV
PEDESTAL COEFFI
COMPOSITE LEVEL CONV
SYNC FORM
TAKE SYNC
BURST BLK
COMPOSITE LEVEL CONV
B. F FORM
LALT
T. G. D
BURST BLK
BURST BLK
COMPONENT LEVEL CONV
SW
12→10
OUT BLK
SW
SW
12→10
REF CF
SW
SW & ROUND
49
D1 HD
37 - 40,
42 - 47
10
DDATA 9 - 0
54
DDCF 0
55
DPRITY
56
D2SYNC
53
DDCF 1
50
DDCF 2
OUT CF
OUT SYNC
BLK PLS
12→10
BLK
76 - 80,
86 - 90
10
CMPSTE 0 - 9
141 - 148,
151, 152
10
BBRST 0 - 9
VISC GATE
VISC GATE
12→10
58 - 61,
63 - 68
10
VISC 0 - 9
92 - 94,
96 - 104
10
CMPNTY 0 - 9
12→10
108 - 115,
117, 118
10
CMPNTR 0 - 9
121 - 126,
129 - 132
10
CMPNTB 0 - 9
Address
CONF I R
Address
CONF I B
for CXD8382BQ
PB HD
22
SEP. T. G.
PB CF
24
1
PB VD
23
PB PARITY
25
P. C.
SYNC ROM
BURST ROM
Address
BF, BLK1
R. C. F PULS
CK 4 fsc
DD SCK
187
DD START
186
MODE DATA
188
SERIAL TO PARALLEL
MODE GEN.
MODE
27 MHz SYSTEM
8 fsc SYSTEM
ADD CHECK
190
STSDATA
189
PARALLEL TO SERIAL
H SHIFT
CK27
194
HEF HD
1
REF VD
2
REF CF
3
DEC
3
T. G. A
CK27
CK13.5
CK6.75
R.C.F
WCK 6 fsc
CK 4 fsc
DELAY su R. C. F
RATE CONV
T. G. B
PAL/NTSC
163
4
DREF CF/VD
DEC
3
DPB CF
PB HD
REF HD
ICADDR 0 - 3
156 - 159
4
CADDR 0 - 2
136 - 138
3
TSEL 4
167
POWER ON
9
RESET
DLY
T. G. C
8 fsc
161
CK8FSC
162
F4HD
V SHIFT
74
CK 4FSC
70
HSHIFT
71
VSHIFT
3
173 - 175
DREF CF 0 - 2
176 - 178
3
DPB CF 0 - 2
133
CLAMP P
154
FAIHE
155
H. M. MUTE
PFILON
179
ROMSEL 0, 1
140, 153
2
PANABLK
180
* CXD9008Q ONLY

CXD8953Q (SONY)

C-MOS ERROR DETECTION AND HANDLING

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	TEST0	21	I	IDATA8	41	I	TEST6	61	O	ODATA8	81	O	APERR
2	—	VDD	22	I	IDATA9	42	I	A3	62	O	ODATA7	82	O	FFERR
3	—	VDD	23	I	FORM0	43	I	A2	63	—	VDD	83	O	ANCER
4	O	TEST1	24	I	FORM1	44	I	A1	64	O	ODATA6	84	I/O	ANCEDH
5	O	TEST2	25	I	AUTO	45	I	A0	65	—	GND	85	I/O	ANCEDA
6	I	TEST3	26	I	MODE0	46	I	$\overline{\text{WRITE}}$	66	—	GND	86	I/O	ANCIDH
7	I	TEST4	27	I	MODE1	47	I	$\overline{\text{READ}}$	67	—	GND	87	I/O	ANCIDA
8	O	TEST5	28	I	MODE2	48	I	$\overline{\text{CS}}$	68	O	ODATA5	88	—	VDD
9	I	ICLOCK	29	O	OTHANC	49	O	TEST7	69	O	ODATA4	89	I/O	ANCUES
10	I	IDATA0	30	O	EDHVLD	50	I	TEST8	70	O	ODATA3	90	I/O	APEDH
11	I	IDATA1	31	O	DPR	51	I	$\overline{\text{RESET}}$	71	O	ODATA2	91	I/O	APEDA
12	I	IDATA2	32	O	INTR	52	—	VDD	72	—	VDD	92	—	GND
13	I	IDATA3	33	I/O	D7	53	—	VDD	73	O	ODATA1	93	I/O	APIDH
14	—	GND	34	I/O	D6	54	O	TEST9	74	—	GND	94	I/O	APIDA
15	—	GND	35	I/O	D5	55	O	TEST10	75	O	ODATA0	95	I/O	APUES
16	—	GND	36	I/O	D4	56	O	TEST11	76	O	TEST13	96	I/O	FFEDH
17	I	IDATA4	37	I/O	D3	57	—	GND	77	O	OD1	97	I/O	FFEDA
18	I	IDATA5	38	I/O	D2	58	O	TEST12	78	O	OL525	98	I/O	FFIDH
19	I	IDATA6	39	I/O	D1	59	O	OCLOCK	79	I	TEST14	99	I/O	FFIDA
20	I	IDATA7	40	I/O	D0	60	O	ODATA9	80	I	TEST15	100	I/O	FFUES

INPUT

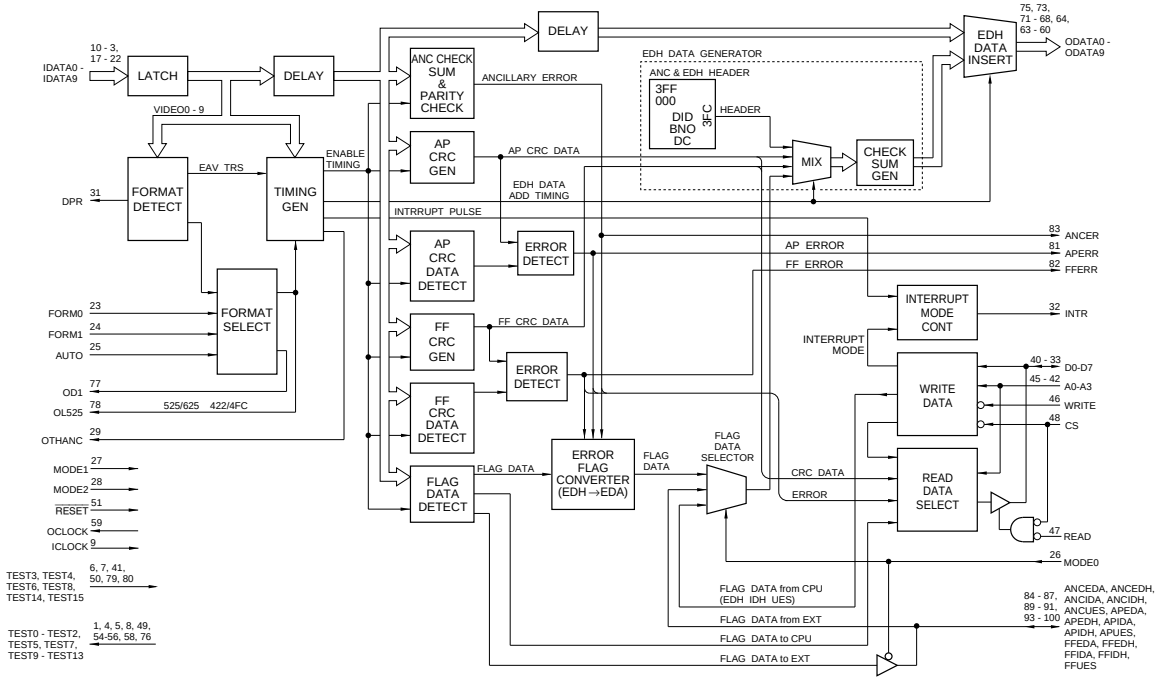
A0 - A3	: ADDRESS
AUTO	: AUTO DETECT
$\overline{\text{CS}}$	: CHIP SELECT
FORM0, FORM1	: VIDEO FORMAT
ICLOCK	: CLOCK
IDATA0 - IDATA9	: VIDEO DATA
MODE0	: 1 = Detect each FLAG and calculate CRC. Add the result and output. 0 = Input each FLAG from outside and calculate CRC. Add the result and output.
MODE1	: 1 = If other ANCILLARY DATA existe EDH, such as AUDIO, no EDH is added. 0 = EDH is added unconditionally.
MODE2	: MODE SELECT
$\overline{\text{READ}}$	: READ
$\overline{\text{RESET}}$	: RESET
TEST3, TEST4, TEST6, TEST8, TEST14, TEST15	: TEST
$\overline{\text{WRITE}}$	: WRITE

OUTPUT

ANCER	: ANCILLARY DATA ERROR
APERR	: ACTIVE PICTURE ERROR
DPR	: INPUT SIGNAL DETECT
EDHVLB	: ERROR DETECTION & HANDLING CORRESPOND DETECT
FFERR	: FULL FIELD ERROR
INTR	: INTERRUPT
OCLOCK	: OUTPUT CLOCK
OD1	: D1/D2 FORMAT SELECT
ODATA0 - ODATA9	: OUTPUT DATA
OL525	: 525/625, 422/4FC FORMAT SELECT
OTHANC	: OTHER ANC DATA DETECT
TEST0 - TEST2, TEST5, TEST7, TEST9 - TEST13	: TEST

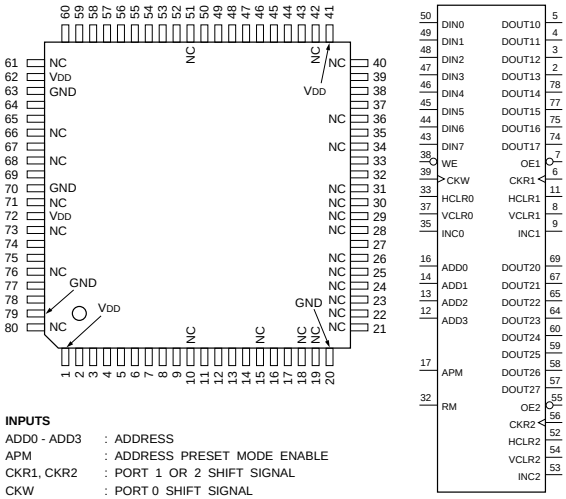
INPUT/OUTPUT

ANCEDA	: ANCILLARY EDA FLAG
ANCEDH	: ANCILLARY EDH FLAG
ANCIDA	: ANCILLARY IDA FLAG
ANCIDH	: ANCILLARY IDH FLAG
ANCUES	: ANCILLARY UES FLAG
APEDA	: ACTIVE PICTURE EDA FLAG
APEDH	: ACTIVE PICTURE EDH FLAG
APIDA	: ACTIVE PICTURE IDA FLAG
APIDH	: ACTIVE PICTURE IDH FLAG
APUES	: ACTIVE PICTURE UES FLAG
D0 - D7	: CPU DATA
FFEDA	: FULL FIELD EDA FLAG
FFEDH	: FULL FIELD EDH FLAG
FFIDA	: FULL FIELD IDA FLAG
FFIDH	: FULL FIELD IDH FLAG
FFUES	: FULL FIELD UES FLAG



CXK48324R (SONY)
CXK48324R-T6

C-MOS 2.4 M (960 × 306 × 8) BITS 3 PORTS VIDEO FIELD MEMORY
—TOP VIEW—



INPUTS

ADD0 - ADD3	:	ADDRESS
APM	:	ADDRESS PRESET MODE ENABLE
CKR1, CKR2	:	PORT 1 OR 2 SHIFT SIGNAL
CKW	:	PORT 0 SHIFT SIGNAL
DIN0 - DIN7	:	PORT 0 DATA
HCLR0 - HCLR2	:	PORT 0 - 2 HORIZONTAL CLEAR
INC0 - INC2	:	PORT 0 - 2 LINE INCREMENT
RM	:	RECURSIVE MODE ENABLE
TE	:	TEST MODE ENABLE
VCLR0 - VCLR2	:	PORT 0 - 2 VERTICAL CLEAR
$\overline{OE1}$, $\overline{OE2}$	:	PORT 1 OR 2 OUTPUT ENABLE
$\overline{WE}$	:	PORT 0 WRITE ENABLE

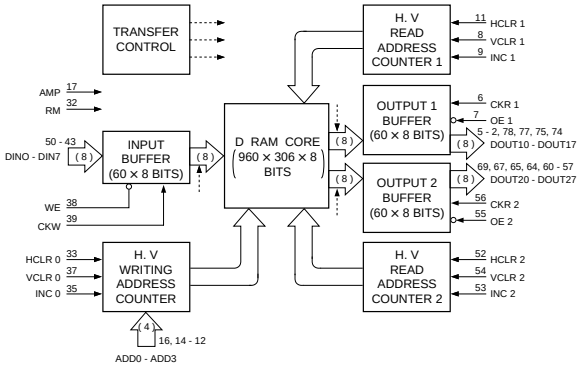
OUTPUTS

DO10 - DO17	;	PORT 1 DATA
DO20 - DO27	;	PORT 2 DATA

OTHER

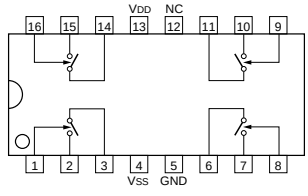
NC	:	NO CONNECTION

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	21	—	NC	41	—	VDD	61	—	NC
2	O	DO13	22	—	NC	42	—	NC	62	—	VDD
3	O	DO12	23	—	NC	43	I	DIN7	63	—	GND
4	O	DO11	24	—	NC	44	I	DIN6	64	O	DO23
5	O	DO10	25	—	NC	45	I	DIN5	65	O	DO22
6	I	CKR1	26	—	NC	46	I	DIN4	66	—	NC
7	I	$\overline{OE1}$	27	—	TE	47	I	DIN3	67	O	DO21
8	I	VCLR1	28	—	NC	48	I	DIN2	68	—	NC
9	I	INC1	29	—	NC	49	I	DIN1	69	O	DO20
10	—	NC	30	—	NC	50	I	DIN0	70	—	GND
11	I	HCLR1	31	—	NC	51	—	NC	71	—	NC
12	I	ADD3	32	I	RM	52	I	HCLR2	72	—	VDD
13	I	ADD2	33	I	HCLR0	53	I	INC2	73	—	NC
14	I	ADD1	34	—	NC	54	I	VCLR2	74	O	DO17
15	—	NC	35	I	INC0	55	I	$\overline{OE2}$	75	O	DO16
16	I	ADD0	36	—	NC	56	I	CKR2	76	—	NC
17	I	APM	37	I	VCLR0	57	O	DO27	77	O	DO15
18	—	NC	38	I	$\overline{WE}$	58	O	DO26	78	O	DO14
19	—	NC	39	I	CKW	59	O	DO25	79	—	GND
20	—	GND	40	—	NC	60	O	DO24	80	—	NC



DG201BDY-T1 (SILICONIX)

ANALOG SWITCH
—TOP VIEW—

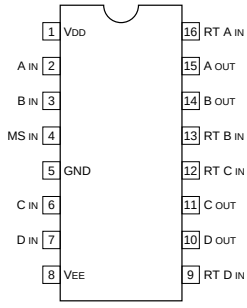


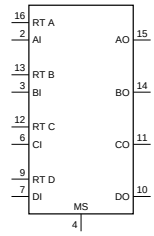
CONT IN	SW
0	
1	

0 : LOW LEVEL
1 : HIGH LEVEL

DS3691MX (NS)

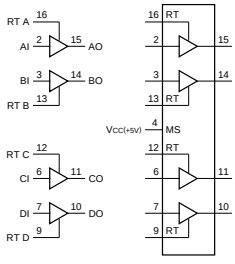
TTL RS-422/RS423 LINE DRIVERS
—TOP VIEW—





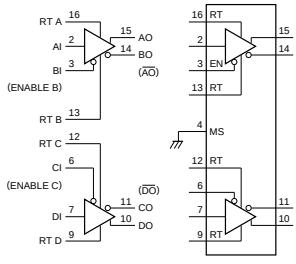
MS ; MODE SELECT
RT ; RISE TIME CONTROL

MC = 1



INPUTS		OUTPUTS
MS	A - D	A - D
1	1	0
1	1	1

MC = 0



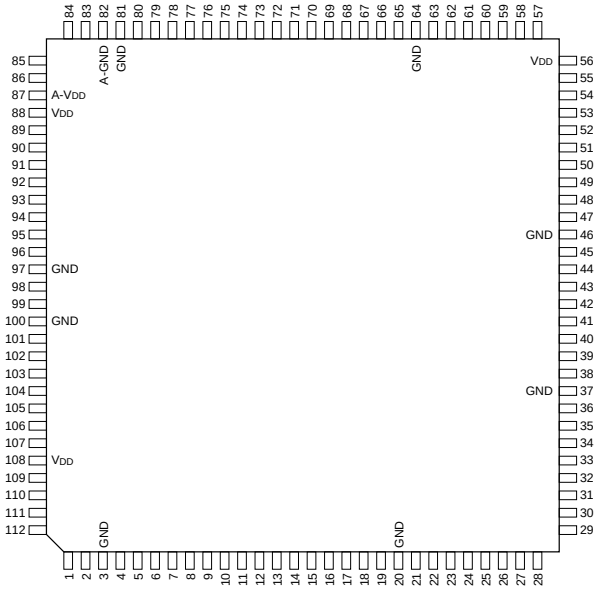
INPUTS			OUTPUTS	
MS	ENABLE	A/D	A/D	B/C
0	0	0	0	1
0	0	1	1	0
0	1	×	HI-Z	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE

HD6415108RF10 (HITACHI)

C-MOS 16-BIT MICROCOMPUTER UNIT

—TOP VIEW—



PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
1	I/O	$\overline{RES}$	I/O	$\overline{RES}$	I/O	$\overline{RES}$	I/O	$\overline{RES}$
2	I	NMI	I	NMI	I	NMI	I	NMI
3	—	GND	—	GND	—	GND	—	GND
4	I/O	P10	I/O	D0	I/O	P10	I/O	D0
5	I/O	P11	I/O	D1	I/O	P11	I/O	D1
6	I/O	P12	I/O	D2	I/O	P12	I/O	D2
7	I/O	P13	I/O	D3	I/O	P13	I/O	D3
8	I/O	P14	I/O	D4	I/O	P14	I/O	D4
9	I/O	P15	I/O	D5	I/O	P15	I/O	D5
10	I/O	P16	I/O	D6	I/O	P16	I/O	D6
11	I/O	P17	I/O	D7	I/O	P17	I/O	D7
12	I/O	D8	I/O	D8	I/O	D8	I/O	D8
13	I/O	D9	I/O	D9	I/O	D9	I/O	D9
14	I/O	D10	I/O	D10	I/O	D10	I/O	D10
15	I/O	D11	I/O	D11	I/O	D11	I/O	D11
16	I/O	D12	I/O	D12	I/O	D12	I/O	D12
17	I/O	D13	I/O	D13	I/O	D13	I/O	D13
18	I/O	D14	I/O	D14	I/O	D14	I/O	D14
19	I/O	D15	I/O	D15	I/O	D15	I/O	D15
20	—	GND	—	GND	—	GND	—	GND
21	O	A0	O	A0	O	A0	O	A0
22	O	A1	O	A1	O	A1	O	A1
23	O	A2	O	A2	O	A2	O	A2
24	O	A3	O	A3	O	A3	O	A3
25	O	A4	O	A4	O	A4	O	A4
26	O	A5	O	A5	O	A5	O	A5
27	O	A6	O	A6	O	A6	O	A6
28	O	A7	O	A7	O	A7	O	A7
29	O	A8	O	A8	O	A8	O	A8
30	O	A9	O	A9	O	A9	O	A9
31	O	A10	O	A10	O	A10	O	A10
32	O	A11	O	A11	O	A11	O	A11
33	O	A12	O	A12	O	A12	O	A12
34	O	A13	O	A13	O	A13	O	A13
35	O	A14	O	A14	O	A14	O	A14
36	O	A15	O	A15	O	A15	O	A15
37	—	GND	—	GND	—	GND	—	GND
38	I/O	P20	I/O	P20	O	A16	O	P20
39	I/O	P21	I/O	P21	O	A17	O	P21
40	I/O	P22	I/O	P22	O	A18	O	P22

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
41	I/O	P23	I/O	P23	O	A19	O	A19
42	I/O	P24	I/O	P24	O	A20	O	A20
43	I/O	P25	I/O	P25	O	A21	O	A21
44	I/O	P26	I/O	P26	O	A22	O	A22
45	I/O	P27	I/O	P27	O	A23	O	A23
46	—	GND	—	GND	—	GND	—	GND
47	I/O	P30 / $\overline{WAIT}$	I/O	P30 / $\overline{WAIT}$	I/O	P30 / $\overline{WAIT}$	I/O	P30 / $\overline{WAIT}$
48	I/O	P31 / $\overline{BACK}$	I/O	P31 / $\overline{BACK}$	I/O	P31 / $\overline{BACK}$	I/O	P31 / $\overline{BACK}$
49	I/O	P32 / $\overline{BREQ}$	I/O	P32 / $\overline{BREQ}$	I/O	P32 / $\overline{BREQ}$	I/O	P32 / $\overline{BREQ}$
50	I/O	P33	I/O	P33	I/O	P33	I/O	P33
51	I/O	P34	I/O	P34	I/O	P34	I/O	P34
52	I/O	P35	I/O	P35	I/O	P35	I/O	P35
53	I/O	P36	I/O	P36	I/O	P36	I/O	P36
54	I/O	P37	I/O	P37	I/O	P37	I/O	P37
55	—	VDD	—	VDD	—	VDD	—	VDD
56	I/O	P40 / $\overline{ADTRG}$	I/O	P40 / $\overline{ADTRG}$	I/O	P40 / $\overline{ADTRG}$	I/O	P40 / $\overline{ADTRG}$
57	I/O	P41 / TMCI	I/O	P41 / TMCI	I/O	P41 / TMCI	I/O	P41 / TMCI
58	I/O	P42 / TMRI	I/O	P42 / TMRI	I/O	P42 / TMRI	I/O	P42 / TMRI
59	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO
60	I/O	P44 / FTI1	I/O	P44 / FTI1	I/O	P44 / FTI1	I/O	P44 / FTI1
61	I/O	P45 / FTCI1	I/O	P45 / FTCI1	I/O	P45 / FTCI1	I/O	P45 / FTCI1
62	I/O	P46 / FTI2	I/O	P46 / FTI2	I/O	P46 / FTI2	I/O	P46 / FTI2
63	I/O	P47 / FTCI2	I/O	P47 / FTCI2	I/O	P47 / FTCI2	I/O	P47 / FTCI2
64	—	GND	—	GND	—	GND	—	GND
65	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1
66	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1
67	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2
68	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2
69	I/O	P54	I/O	P54	I/O	P54	I/O	P54
70	I/O	P55	I/O	P55	I/O	P55	I/O	P55
71	I/O	P56	I/O	P56	I/O	P56	I/O	P56
72	I/O	P57	I/O	P57	I/O	P57	I/O	P57
73	I/O	P60	I/O	P60	I/O	P60	I/O	P60
74	I/O	P61	I/O	P61	I/O	P61	I/O	P61
75	I/O	P62	I/O	P62	I/O	P62	I/O	P62
76	I/O	P63	I/O	P63	I/O	P63	I/O	P63
77	I/O	P64	I/O	P64	I/O	P64	I/O	P64
78	I/O	P65	I/O	P65	I/O	P65	I/O	P65
79	I/O	P66	I/O	P66	I/O	P66	I/O	P66
80	I/O	P67	I/O	P67	I/O	P67	I/O	P67

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
81	—	GND	—	GND	—	GND	—	GND
82	—	A-GND	—	A-GND	—	A-GND	—	A-GND
83	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0
84	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1
85	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2
86	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3
87	—	A-VDD	—	A-VDD	—	A-VDD	—	A-VDD
88	—	VDD	—	VDD	—	VDD	—	VDD
89	I/O	P80 / $\overline{IRQ0}$	I/O	P80 / $\overline{IRQ0}$	I/O	P80 / $\overline{IRQ0}$	I/O	P80 / $\overline{IRQ0}$
90	I/O	P81 / $\overline{IRQ1}$	I/O	P81 / $\overline{IRQ1}$	I/O	P81 / $\overline{IRQ1}$	I/O	P81 / $\overline{IRQ1}$
91	I/O	P82 / $\overline{IRQ2}$ / SCK1	I/O	P82 / $\overline{IRQ2}$ / SCK1	I/O	P82 / $\overline{IRQ2}$ / SCK1	I/O	P82 / $\overline{IRQ2}$ / SCK1
92	I/O	P83 / $\overline{IRQ3}$ / SCK2	I/O	P83 / $\overline{IRQ3}$ / SCK2	I/O	P83 / $\overline{IRQ3}$ / SCK2	I/O	P83 / $\overline{IRQ3}$ / SCK2
93	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1
94	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1
95	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2
96	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2
97	—	GND	—	GND	—	GND	—	GND
98	I	EXTAL	I	EXTAL	I	EXTAL	I	EXTAL
99	I	XTAL	I	XTAL	I	XTAL	I	XTAL
100	—	GND	—	GND	—	GND	—	GND
101	O	ø	O	ø	O	ø	O	ø
102	O	$\overline{E}$	O	$\overline{E}$	O	$\overline{E}$	O	$\overline{E}$
103	O	$\overline{AS}$	O	$\overline{AS}$	O	$\overline{AS}$	O	$\overline{AS}$
104	O	$\overline{RD}$	O	$\overline{RD}$	O	$\overline{RD}$	O	$\overline{RD}$
105	O	$\overline{HWR}$	O	$\overline{HWR}$	O	$\overline{HWR}$	O	$\overline{HWR}$
106	O	$\overline{LWR}$	O	$\overline{LWR}$	O	$\overline{LWR}$	O	$\overline{LWR}$
107	O	$\overline{RFSH}$	O	$\overline{RFSH}$	O	$\overline{RFSH}$	O	$\overline{RFSH}$
108	—	VDD	—	VDD	—	VDD	—	VDD
109	I	MD0	I	MD0	I	MD0	I	MD0
110	I	MD1	I	MD1	I	MD1	I	MD1
111	I	MD2	I	MD2	I	MD2	I	MD2
112	I	$\overline{STBY}$	I	$\overline{STBY}$	I	$\overline{STBY}$	I	$\overline{STBY}$

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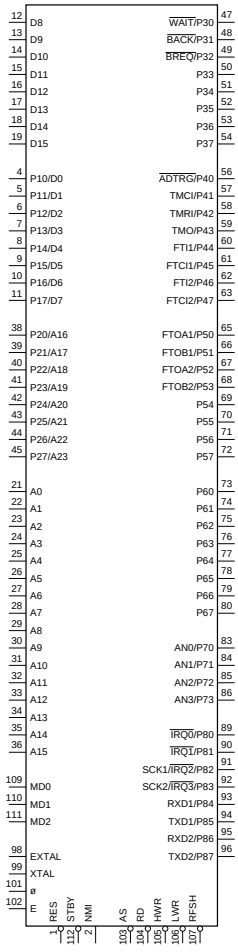


INPUT

$\overline{\text{ADTRG}}$	;	EXTERNAL TRIGGER
AN0 - AN3	;	ANALOG
$\overline{\text{BREQ}}$	;	BUS RIGHT REQUEST
EXTAL	;	CRYSTAL OSCILLATOR
FTI1, FTI2	;	FREE RUNNING TIMER INPUT CAPTURE (CH1, CH2)
FTCI1, FTCI2	;	FREE RUNNING TIMER COUNTER CLOCK (CH1, CH2)
$\overline{\text{IRQ0}}$ - $\overline{\text{IRQ3}}$	;	INTERRUPT REQUEST
MD0 - MD2	;	MODE SET UP
NMI	;	NON-MASKABLE INTERRUPT
P70 - P73	;	PORT 7
RXD1, RXD2	;	RECEIVE DATA (CH1, CH2)
$\overline{\text{STBY}}$	;	STANDBY
TMCI	;	8-BIT TIMER CLOCK
TMRI	;	8-BIT TIMER COUNTER RESET
WAIT	;	WAIT
XTAL	;	CRYSTAL OSCILLATOR

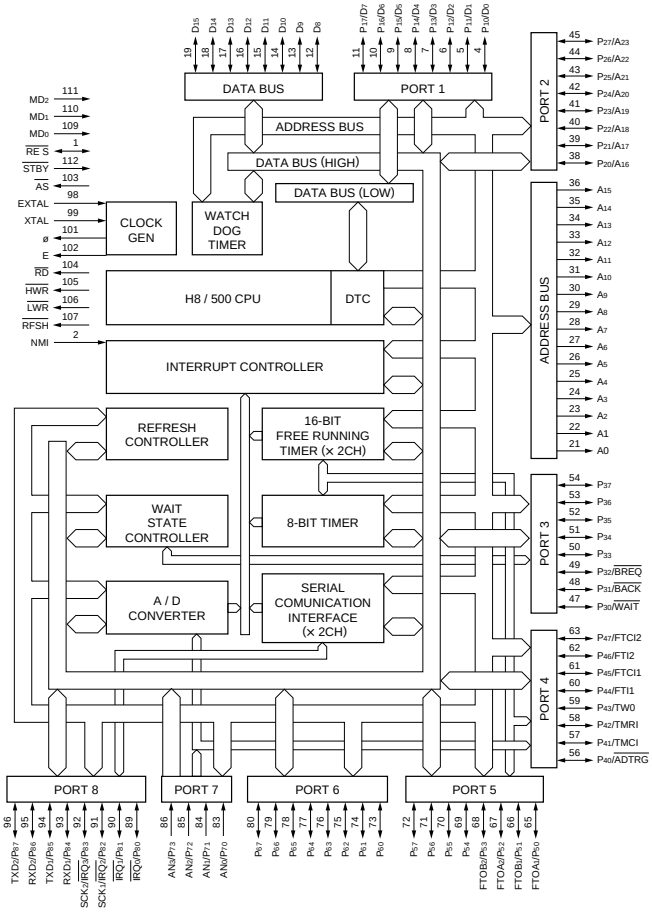
OUTPUT

A0 - A23	;	ADDRESS BUS
$\overline{\text{AS}}$	;	ADDRESS STROBE
$\overline{\text{BACK}}$	;	BUS RIGHT REQUEST ACKNOWLEDGE
E	;	ENABLE CLOCK
FTOA1, FTOA2	;	FREE RUNNING TIMER OUTPUT COMPARE A (CH1, CH2)
FTOB1, FTOB2	;	FREE RUNNING TIMER OUTPUT COMPARE B (CH1, CH2)
$\overline{\text{HWR}}$	;	HIGH WRITE
$\overline{\text{LWR}}$	;	LOW WRITE
$\overline{\text{RD}}$	;	READ
$\overline{\text{RFSH}}$	;	REFRESH CYCLE
TMO	;	8-BIT TIMER
TXD1, TXD2	;	TRANSMISSION DATA (CH1, CH2)
ø	;	SYSTEM CLOCK

INPUT/OUTPUT

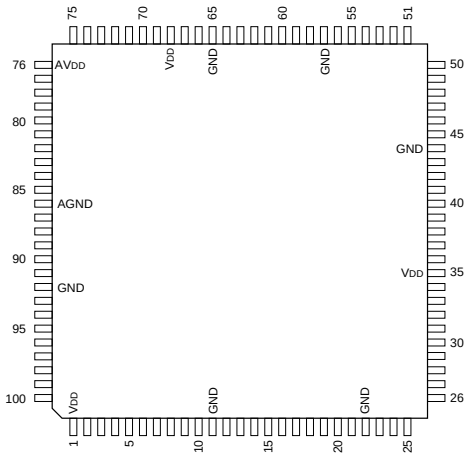
D0 - D15	;	DATA BUS
P10 - P17	;	PORT 1
P20 - P27	;	PORT 2
P30 - P37	;	PORT 3
P40 - P47	;	PORT 4
P50 - P57	;	PORT 5
P60 - P67	;	PORT 6
P80 - P87	;	PORT 8
$\overline{\text{RES}}$	;	RESET
SCK1, SCK2	;	SERIAL CLOCK (CH1, CH2)

INPUTS			OPERATION MODE	CONTENTS
MD2	MD1	MD0		
0	0	1	MODE 1	EXTENSION MINIMUM MODE (8BIT BUS)
0	1	0	MODE 2	EXTENSION MINIMUM MODE (16BIT BUS)
0	1	1	MODE 3	EXTENSION MAXIMUM MODE (8BIT BUS)
1	0	0	MODE 4	EXTENSION MAXIMUM MODE (16BIT BUS)
1	0	1	MODE 5	SINGLE CHIP MODE
1	1	0	MODE 6	
1	1	1	MODE 7	



HD64F3048F16 (HITACHI)

C-MOS 16-BIT SINGLE CHIP MICROCOMPUTER
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	35	—	VDD	69	I/O	P63/$\overline{AS}$
2	I/O	TIOCA3/TP8/PB0	36	I/O	A0/P10	70	I/O	P64/$\overline{RD}$
3	I/O	TIOCB3/TP9/PB1	37	I/O	A1/P11	71	I/O	P65/$\overline{HWR}$
4	I/O	TIOCA4/TP10/PB2	38	I/O	A2/P12	72	I/O	P66/$\overline{LWR}$
5	I/O	TIOCB4/TP11/PB3	39	I/O	A3/P13	73	I	MD0
6	I/O	TOCXA4/TP12/PB4	40	I/O	A4/P14	74	I	MD1
7	I/O	TOCXB4/TP13/PB5	41	I/O	A5/P15	75	I	MD2
8	I/O	$\overline{CS7}$/$\overline{DREQ0}$/TP14/PB6	42	I/O	A6/P16	76	—	AVDD
9	I/O	$\overline{ADTRG}$/$\overline{DREQ1}$/TP15/PB7	43	I/O	A7/P17	77	I	VREF
10	O	$\overline{RESO}$	44	—	GND	78	I	P70/AN0
11	—	GND	45	I/O	A8/P20	79	I	P71/AN1
12	I/O	TXD0/P90	46	I/O	A9/P21	80	I	P72/AN2
13	I/O	TXD1/P91	47	I/O	A10/P22	81	I	P73/AN3
14	I/O	RXD0/P92	48	I/O	A11/P23	82	I	P74/AN4
15	I/O	RXD1/P93	49	I/O	A12/P24	83	I	P75/AN5
16	I/O	$\overline{IRQ4}$/SCK0/P94	50	I/O	A13/P25	84	I/O	P76/AN6/DA0
17	I/O	$\overline{IRQ5}$/SCK1/P95	51	I/O	A14/P26	85	I/O	P77/AN7/DA1
18	I/O	D0/P40	52	I/O	A15/P27	86	—	AGND
19	I/O	D1/P41	53	I/O	A16/P50	87	I/O	P80/$\overline{RFSH}$/$\overline{IRQ0}$
20	I/O	D2/P42	54	I/O	A17/P51	88	I/O	P81/$\overline{CS3}$/$\overline{IRQ1}$
21	I/O	D3/P43	55	I/O	A18/P52	89	I/O	P82/$\overline{CS2}$/$\overline{IRQ2}$
22	—	GND	56	I/O	A19/P53	90	I/O	P83/$\overline{CS1}$/$\overline{IRQ3}$
23	I/O	D4/P44	57	—	GND	91	I/O	P84/$\overline{CS0}$
24	I/O	D5/P45	58	I/O	P60/$\overline{WAIT}$	92	—	GND
25	I/O	D6/P46	59	I/O	P61/$\overline{BREQ}$	93	I/O	PA0/TP0/$\overline{TEND0}$/TCLKA
26	I/O	D7/P47	60	I/O	P62/$\overline{BACK}$	94	I/O	PA1/TP1/$\overline{TEND0}$/TCLKB
27	I/O	D8/P30	61	O	ø	95	I/O	PA2/TP2/TIOCA0/TCLKC
28	I/O	D9/P31	62	I	$\overline{STBY}$	96	I/O	PA3/TP3/TIOCB0/TCLKD
29	I/O	D10/P32	63	I	$\overline{RES}$	97	I/O	PA4/TP4/TIOCA1/A23/$\overline{CS6}$
30	I/O	D11/P33	64	I	NMI	98	I/O	PA5/TP5/TIOCB1/A22/$\overline{CS5}$
31	I/O	D12/P34	65	—	GND	99	I/O	PA6/TP6/TIOCA2/A21/$\overline{CS4}$
32	I/O	D13/P35	66	I	EXTAL	100	I/O	PA7/TP7/TIOCB2/A20
33	I/O	D14/P36	67	I	XTAL			
34	I/O	D15/P37	68	—	VDD			

INPUT

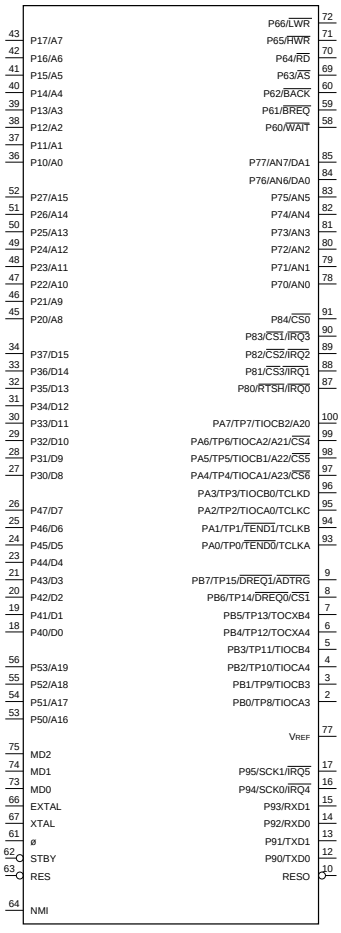
$\overline{ADTRG}$	;	A/D CONVERTER TRIGGER
AN0 - AN7	;	ANALOG
$\overline{BREQ}$	;	BUS REQUEST
$\overline{DREQ0}$, $\overline{DREQ1}$	;	DMA REQUEST
EXTAL	;	CRYSTAL OSCILLATOR AND EXTERNAL CLOCK
$\overline{IRQ0}$ - $\overline{IRQ5}$	;	INTERRUPT REQUEST
MD0 - MD2	;	MODE SELECT
NMI	;	NON-MASKABLE INTERRUPT
$\overline{RES}$	;	RESET
RXD0, RXD1	;	RECEIVE DATA
$\overline{STBY}$	;	STANDBY
TCLKA-TCLKD	;	CLOCK
VREF	;	A/D AND D/A CONVERTER REFERENCE VOLTAGE
$\overline{WAIT}$	;	WAIT
XTAL	;	CRYSTAL OSCILLATOR

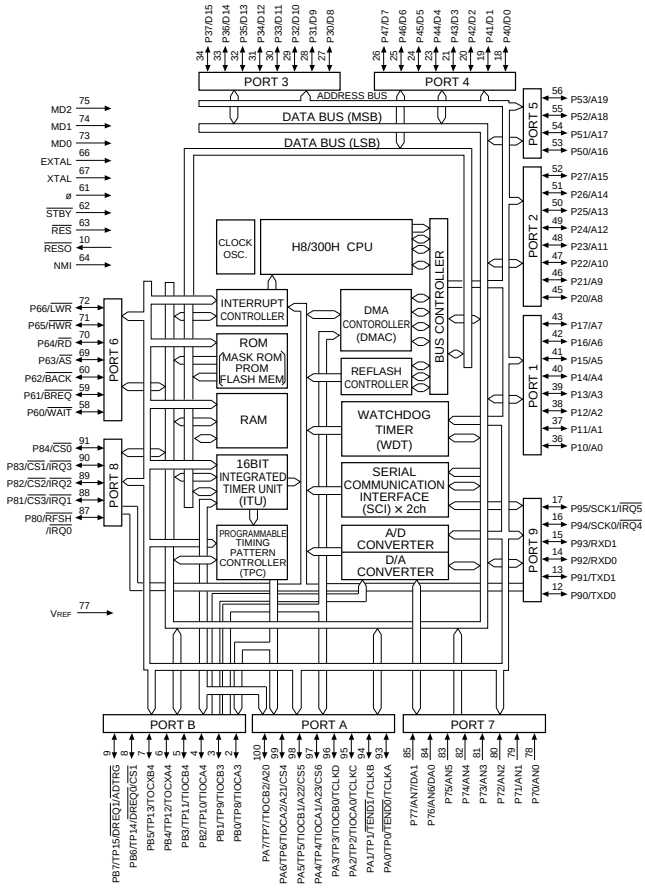
OUTPUT

ø	;	SYSTEM CLOCK
A0 - A23	;	ADDRESS BUS
$\overline{AS}$	;	ADDRESS STROBE
$\overline{BACK}$	;	BUS REQUEST ACKNOWLEDGE
$\overline{CS0}$ - $\overline{CS7}$	;	CHIP SELECT
DA0, DA1	;	ANALOG
$\overline{HWR}$	;	HIGH WRITE
$\overline{LWR}$	;	LOW WRITE
$\overline{RD}$	;	READ
$\overline{RESO}$	;	RESET
$\overline{RFSH}$	;	REFRESH
$\overline{TEND0}$, $\overline{TEND1}$	;	DMA END
TOCXA4	;	OUTPUT COMPARE XA4
TOCXB4	;	OUTPUT COMPARE XB4
TP0 - TP15	;	TIMING PATTERN CONTROLLER
TXD0, TXD1	;	TRANSMIT DATA

INPUT/OUTPUT

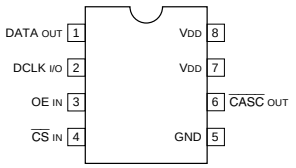
D0 - D15	;	DATA BUS
P10 - P17	;	PORT 1
P20 - P27	;	PORT 2
P30 - P37	;	PORT 3
P40 - P47	;	PORT 4
P50 - P53	;	PORT 5
P60 - P66	;	PORT 6
P70 - P77	;	PORT 7
P80 - P84	;	PORT 8
P90 - P95	;	PORT 9
PA0 - PA7	;	PORT A
PB0 - PB7	;	PORT B
SCK0, SCK1	;	SERIAL CLOCK
TIOCA0 - TIOCA4	;	INPUT CAPTURE/OUTPUT COMPARE A0 - A4
TIOCB0 - TIOCB4	;	INPUT CAPTURE/OUTPUT COMPARE B0 - B4

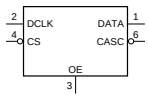

P17/A7
P16/A6
P15/A5
P14/A4
P13/A3
P12/A2
P11/A1
P10/A0
P27/A15
P26/A14
P25/A13
P24/A12
P23/A11
P22/A10
P21/A9
P20/A8
P37/D15
P36/D14
P35/D13
P34/D12
P33/D11
P32/D10
P31/D9
P30/D8
P47/D7
P46/D6
P45/D5
P44/D4
P43/D3
P42/D2
P41/D1
P40/D0
P53/A19
P52/A18
P51/A17
P50/A16
MD2
MD1
MD0
EXTAL
XTAL
ø
STBY
RES
NMI
P66/LWR
P65/HWR
P64/RD
P63/AS
P62/BACK
P61/BREQ
P60/WAIT
P84/CS0
P83/CS1/IRQ3
P82/CS2/IRQ2
P81/CS3/IRQ1
P80/RFSH/IRQ0
P77/AN7/DA1
P76/AN6/DA0
P75/AN5
P74/AN4
P73/AN3
P72/AN2
P71/AN1
P70/AN0
P7/TP7/TIOCB2/A20
P6/TP6/TIOCA2/A21/CS4
P5/TP5/TIOCB1/A22/CS5
P4/TP4/TIOCA1/A23/CS6
P3/TP3/TIOCB0/TCLKD
P2/TP2/TIOCA0/TCLKC
P1/TP1/TEND1/TCLKB
P0/TP0/TEND0/TCLKA
PB7/TP15/DREQ1/ADTRG
PB6/TP14/DREQ0/CS1
PB5/TP13/TOCXB4
PB4/TP12/TOCXA4
PB3/TP11/TIOCB4
PB2/TP10/TIOCA4
PB1/TP9/TIOCB3
PB0/TP8/TIOCA3
VREF
P95/SCK1/IRQ5
P94/SCK0/IRQ4
P93/RXD1
P92/RXD0
P91/TXD1
P90/TXD0
RESO


PORT 3
PORT 4
ADDRESS BUS
DATA BUS (MSB)
DATA BUS (LSB)
CLOCK OSC.
H8/300H CPU
BUS CONTROLLER
INTERRUPT CONTROLLER
DMA CONTOROLLER (DMAC)
ROM (MASK ROM PROM FLASH MEM)
REFLASH CONTROLLER
RAM
WATCHDOG TIMER (WDT)
16BIT INTEGRATED TIMER UNIT (ITU)
SERIAL COMMUNICATION INTERFACE (SCI) x 2ch
PROGRAMMABLE TIMING PATTERN CONTROLLER (TPC)
A/D CONVERTER
D/A CONVERTER
PORT 1
PORT 2
PORT 5
PORT 6
PORT 8
PORT 9
PORT B
PORT A
PORT 7
MD2
MD1
MD0
EXTAL
XTAL
ø
STBY
RES
RESO
NMI
VREF
P66/LWR
P65/HWR
P64/RD
P63/AS
P62/BACK
P61/BREQ
P60/WAIT
P84/CS0
P83/CS1/IRQ3
P82/CS2/IRQ2
P81/CS3/IRQ1
P80/RFSH /IRQ0
P53/A19
P52/A18
P51/A17
P50/A16
P27/A15
P26/A14
P25/A13
P24/A12
P23/A11
P22/A10
P21/A9
P20/A8
P17/A7
P16/A6
P15/A5
P14/A4
P13/A3
P12/A2
P11/A1
P10/A0
P95/SCK1/IRQ5
P94/SCK0/IRQ4
P93/RXD1
P92/RXD0
P91/TXD1
P90/TXD0
PB7/TP15/DREQ1/ADTRG
PB6/TP14/DREQ0/CS1
PB5/TP13/TOCXB4
PB4/TP12/TOCXA4
PB3/TP11/TIOCB4
PB2/TP10/TIOCA4
PB1/TP9/TIOCB3
PB0/TP8/TIOCA3
PA7/TP7/TIOCB2/A20
PA6/TP6/TIOCA2/A21/CS4
PA5/TP5/TIOCB1/A22/CS5
PA4/TP4/TIOCA1/A23/CS6
PA3/TP3/TIOCB0/TCLKD
PA2/TP2/TIOCA0/TCLKC
PA1/TP1/TEND1/TCLKB
PA0/TP0/TEND0/TCLKA
P77/AN7/DA1
P76/AN6/DA0
P75/AN5
P74/AN4
P73/AN3
P72/AN2
P71/AN1
P70/AN0

EPC1PC8 (ALTERA)

C-MOS SERIAL EPROM
—TOP VIEW—

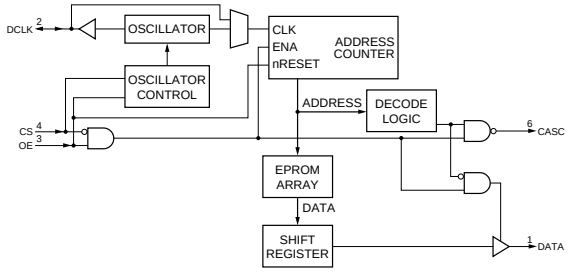




INPUT
CS : CHIP SELECT
OE : OUTPUT ENABLE

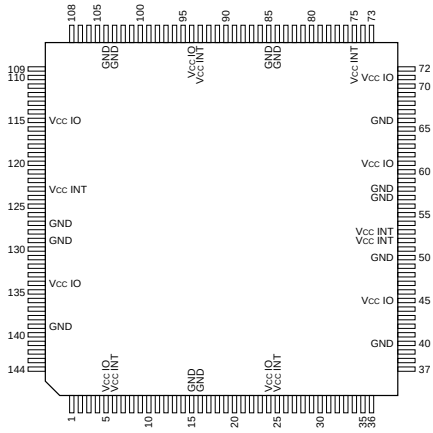
OUTPUT
CASC : CASCADE SELECT

INPUT/OUTPUT
DCLK : CLOCK



EPF10K20TC144-3 (ALTERA)

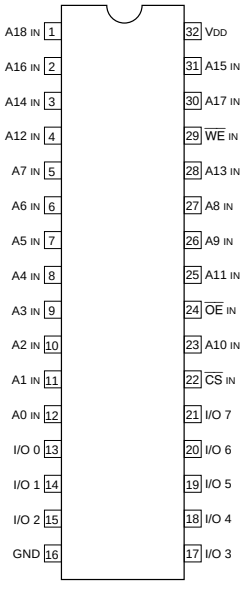
EMBEDDED PROGRAMMABLE LOGIC DEVICE
—TOP VIEW—

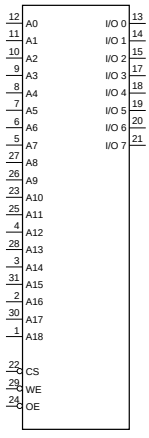


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	TCLK	37	I/O	I/O	73	I/O	I/O	109	I/O	DATA1
2	I/O	CONF DONE	38	I/O	I/O	74	I	CONFIG	110	I/O	DATA2
3	I	CEO	39	I/O	I/O	75	—	VCC INT	111	I/O	DATA3
4	O	TDO	40	—	GND	76	I	MSEL1	112	I/O	DATA4
5	—	VCC IO	41	I/O	I/O	77	I	MSEL0	113	I/O	DATA5
6	—	VCC INT	42	I/O	I/O	78	I/O	I/O	114	I/O	DATA6
7	I	CLKUSR	43	I/O	I/O	79	I/O	I/O	115	—	VCC IO
8	I/O	I/O	44	I/O	I/O	80	I/O	I/O	116	I/O	DATA7
9	I/O	I/O	45	—	VCC IO	81	I/O	I/O	117	I/O	I/O
10	I/O	I/O	46	I/O	I/O	82	I/O	I/O	118	I/O	I/O
11	I/O	RDY BSY	47	I/O	I/O	83	I/O	I/O	119	I/O	I/O
12	I/O	I/O	48	I/O	I/O	84	—	GND	120	I/O	I/O
13	I/O	I/O	49	I/O	I/O	85	—	GND	121	I/O	I/O
14	I/O	INT DONE	50	—	GND	86	I/O	I/O	122	I/O	DEV CLR
15	—	GND	51	I/O	I/O	87	I/O	I/O	123	—	VCC INT
16	—	GND	52	—	VCC INT	88	I/O	I/O	124	I/O	I/O
17	I/O	I/O	53	—	VCC INT	89	I/O	I/O	125	I	GCLK0
18	I/O	I/O	54	I/O	I/O	90	I/O	I/O	126	I/O	I/O
19	I/O	I/O	55	I	GCLK1	91	I/O	I/O	127	—	GND
20	I/O	I/O	56	I/O	I/O	92	I/O	I/O	128	I	DEV OE
21	I/O	I/O	57	—	GND	93	—	VCC INT	129	—	GND
22	I/O	I/O	58	—	GND	94	—	VCC IO	130	I/O	I/O
23	I/O	I/O	59	I/O	I/O	95	I/O	I/O	131	I/O	I/O
24	—	VCC IO	60	I/O	I/O	96	I/O	I/O	132	I/O	I/O
25	—	VCC INT	61	—	VCC IO	97	I/O	I/O	133	I/O	I/O
26	I/O	I/O	62	I/O	I/O	98	I/O	I/O	134	—	VCC IO
27	I/O	I/O	63	I/O	I/O	99	I/O	I/O	135	I/O	I/O
28	I/O	I/O	64	I/O	I/O	100	I/O	I/O	136	I/O	I/O
29	I/O	I/O	65	I/O	I/O	101	I/O	I/O	137	I/O	I/O
30	I/O	I/O	66	—	GND	102	I/O	I/O	138	I/O	I/O
31	I/O	I/O	67	I/O	I/O	103	—	GND	139	—	GND
32	I/O	I/O	68	I/O	I/O	104	—	GND	140	I/O	I/O
33	I/O	I/O	69	I/O	I/O	105	I	TDI	141	I/O	RS
34	I	TMS	70	I/O	I/O	106	I	CE	142	I/O	WS
35	O	STATUS	71	—	VCC IO	107	I	DCLK	143	I/O	CS
36	I/O	I/O	72	I/O	I/O	108	I/O	DATA0	144	I/O	CS

HM628512BLTT-5SLZ (HITACHI)

C-MOS 4M (524,288×8)-BIT HIGH SPEED SRAM
—TOP VIEW—





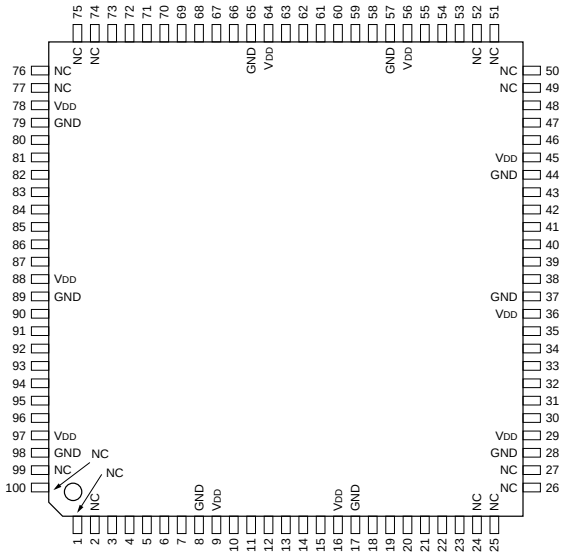
INPUT
A0 - A18 : ADDRESS
CS : CHIP SELECT
OE : OUTPUT ENABLE
WE : WRITE ENABLE

INPUT/OUTPUT
I/O 0 - I/O 7 : I-O DATA

IDT79R3041-20PF (IDT)

C-MOS RISC CPU

—TOP VIEW—



INPUT

$\overline{\text{ACK}}$	:	ACKNOWLEDGE
$\overline{\text{BUSERROR}}$	:	BUS ERROR
$\overline{\text{BUSREQ}}$	:	DMA ARBITER BUS REQUEST
CLK IN	:	MASTER CLOCK
$\overline{\text{INT}}$ (3) - $\overline{\text{INT}}$ (5)	:	PROCESSOR INTERRUPT 3 - 5
$\overline{\text{RDCEN}}$	:	READ BUFFER CLOCK ENABLE
$\overline{\text{RESET}}$	:	MASTER PROCESSOR RESET
$\overline{\text{SBRCOND}}$ (2), $\overline{\text{SBRCOND}}$ (3)	:	BRANCH CONDITION PORT
$\overline{\text{SINT}}$ (0) - $\overline{\text{SINT}}$ (2)	:	PROCESSOR INTERRUPT 0 - 2
$\overline{\text{TRISTATE}}$	:	TRI-STATE

OUTPUT

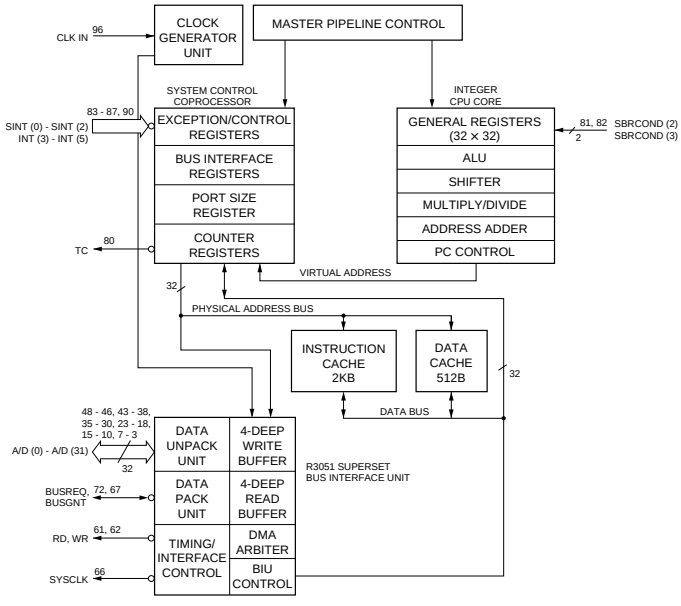
ADDR (0) - ADDR (3)	:	LOW ADDRESS 0 - 3
A/D (0) - A/D (3)	:	BYTE ENABLE STROBES 0 - 3 FOR 32-BIT BUS/DATA 0 - 3
A/D (4) - A/D (31)	:	HIGH-ORDER ADDRESS 4 - 31/DATA 4 - 31
$\overline{\text{ALE}}$	:	ADDRESS LATCH ENABLE
$\overline{\text{BE16}}$ (0), $\overline{\text{BE16}}$ (1)	:	BYTE ENABLE STROBES FOR 16-BIT MEMORY PORT 0, 1
$\overline{\text{BURST}}$	:	BURST TRANSFER
$\overline{\text{BUSGNT}}$	:	DMA ARBITER BUS GRANT
$\overline{\text{DATAEN}}$	:	DATA ENABLE
DIAG	:	DIAGNOSTIC
$\overline{\text{EXT DATA EN}}$	:	EXTENDED DATA ENABLE
$\overline{\text{IO STROBE}}$	:	IO STROBE
$\overline{\text{LAST}}$	:	LAST DATUM IN MINI BURST
$\overline{\text{MEMSTROBE}}$	:	MEMORY STROBE
$\overline{\text{RD}}$	:	READ
$\overline{\text{SYSCLK}}$	:	SYSTEM REFERENCE CLOCK
$\overline{\text{TC}}$	:	TERMINAL COUNT
$\overline{\text{WR}}$	:	WRITE
$\overline{\text{WRNEAR}}$	:	WRITE NEAR

INPUT/OUTPUT

A/D (0) - A/D (31)	:	ADDRESS LATCH ENABLE

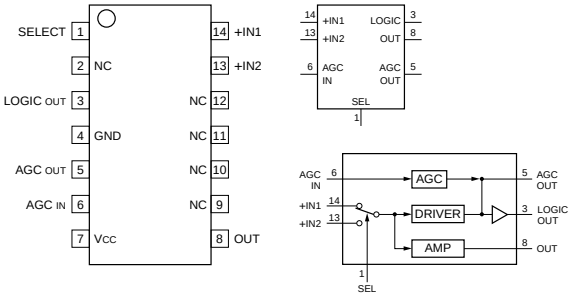
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	NC	26	—	NC	51	—	NC	76	—	NC
2	—	NC	27	—	NC	52	—	NC	77	—	NC
3	I/O	A/D (31)	28	—	GND	53	O	$\overline{\text{BURST/WRNEAR}}$	78	—	VCC
4	I/O	A/D (30)	29	—	VDD	54	O	ADDR (3)	79	—	GND
5	I/O	A/D (29)	30	I/O	A/D (14)	55	O	ADDR (2)	80	O	$\overline{\text{TC}}$
6	I/O	A/D (28)	31	I/O	A/D (13)	56	—	VDD	81	I/O	※2/$\overline{\text{EXTDATAEN}}$
7	I/O	A/D (27)	32	I/O	A/D (12)	57	—	GND	82	I/O	※1/$\overline{\text{IOSTROBE}}$
8	—	GND	33	I/O	A/D (11)	58	O	DIAG	83	I	$\overline{\text{SINT (0)}}$
9	—	VDD	34	I/O	A/D (10)	59	O	$\overline{\text{LAST}}$	84	I	$\overline{\text{SINT (1)}}$
10	I/O	A/D (26)	35	I/O	A/D (9)	60	O	ALE	85	I	$\overline{\text{SINT (2)}}$
11	I/O	A/D (25)	36	—	VDD	61	O	$\overline{\text{RD}}$	86	I	$\overline{\text{INT (3)}}$
12	I/O	A/D (24)	37	—	GND	62	O	$\overline{\text{WR}}$	87	I	$\overline{\text{INT (4)}}$
13	I/O	A/D (23)	38	I/O	A/D (8)	63	O	$\overline{\text{DATAEN}}$	88	—	VDD
14	I/O	A/D (22)	39	I/O	A/D (7)	64	—	VDD	89	—	GND
15	I/O	A/D (21)	40	I/O	A/D (6)	65	—	GND	90	I	$\overline{\text{INT (5)}}$
16	—	VDD	41	I/O	A/D (5)	66	O	$\overline{\text{SYSCLK}}$	91	O	ADDR (0)
17	—	GND	42	I/O	A/D (4)	67	O	$\overline{\text{BUSGNT}}$	92	O	ADDR (1)
18	I/O	A/D (20)	43	I/O	A/D (3)	68	I	$\overline{\text{RESET}}$	93	O	$\overline{\text{BE16 (0)}}$
19	I/O	A/D (19)	44	—	GND	69	I	$\overline{\text{BUSERROR}}$	94	O	$\overline{\text{BE16 (1)}}$
20	I/O	A/D (18)	45	—	VDD	70	I	$\overline{\text{ACK}}$	95	I	$\overline{\text{TRISTATE}}$
21	I/O	A/D (17)	46	I/O	A/D (2)	71	I	$\overline{\text{RDCEN}}$	96	I	CLK IN
22	I/O	A/D (16)	47	I/O	A/D (1)	72	I	$\overline{\text{BUSREQ}}$	97	—	VDD
23	I/O	A/D (15)	48	I/O	A/D (0)	73	O	$\overline{\text{MEMSTROBE}}$	98	—	GND
24	—	NC	49	—	NC	74	—	NC	99	—	NC
25	—	NC	50	—	NC	75	—	NC	100	—	NC

※1 : SBRCOND (3)　　※2 : SBRCOND (2)



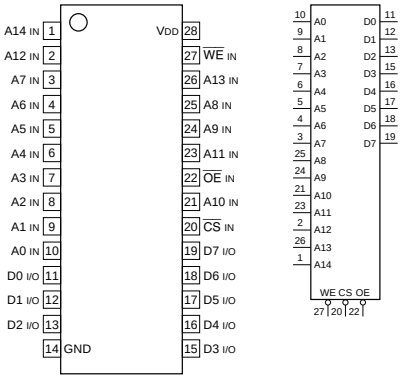
LA7205M (SANYO)
LA7205M-TE-L

AGC AMP, INPUT SELECT, AGC DET, COMPARATOR
—TOP VIEW—



LC35256DM-10-TLM (SANYO)

C-MOS 256 K (32,768WORD × 8)-BIT SRAM
—TOP VIEW—



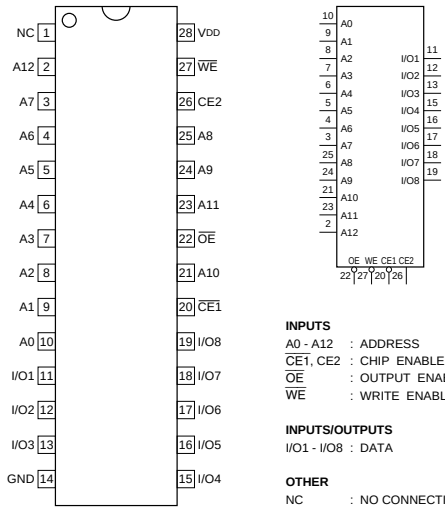
A0 - A14 : ADDRESS INPUTS
D0 - D7 : DATA INPUTS/OUTPUTS
CS : CHIP SELECT INPUT
OE : OUTPUT ENABLE INPUT
WE : WRITE ENABLE INPUT

CS	OE	WE	OUTPUTS	FUNCTION
1	×	×	HI-Z	NO SELECTION
0	1	1	HI-Z	OUTPUT DISABLE
0	0	1	D OUT	READ
0	×	0	D IN	WRITE

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE

LC3564BM-70-TLM (SANYO)

64 K (8,192 × 8)-BIT SRAM
—TOP VIEW—



INPUTS
A0 - A12 : ADDRESS
$\overline{CE1}$, CE2 : CHIP ENABLE
$\overline{OE}$: OUTPUT ENABLE
$\overline{WE}$: WRITE ENABLE

INPUTS/OUTPUTS
I/O1 - I/O8 : DATA

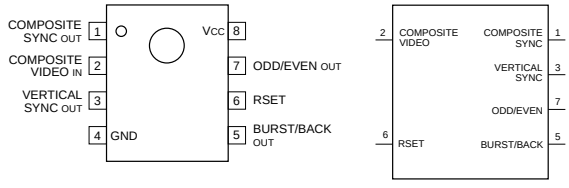
OTHER
NC : NO CONNECTION

CE1	CE2	OE	WE	MODE	I/O TERMINAL
1	×	×	×	NOT SELECT	HIGH IMPEDANCE
×	0	×	×	NOT SELECT	HIGH IMPEDANCE
0	1	1	1	OUTPUT DISABLE	HIGH IMPEDANCE
0	1	0	1	READ	OUTPUT DATA
0	1	×	0	WRITE	INPUT DATA

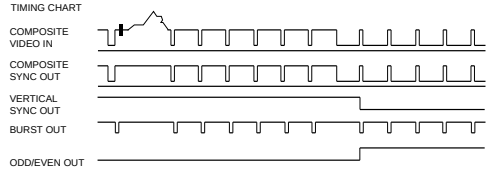
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

LM1881M (NS)
LM1881MX

VIDEO SYNC SEPARATOR
—TOP VIEW—

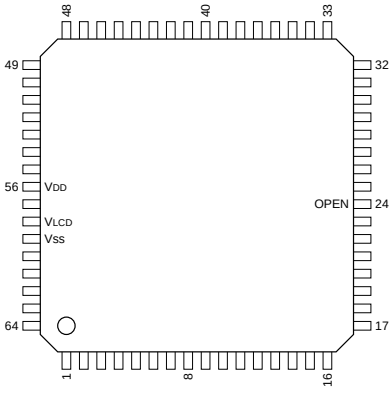


TIMING CHART



LC75821W (SANYO)

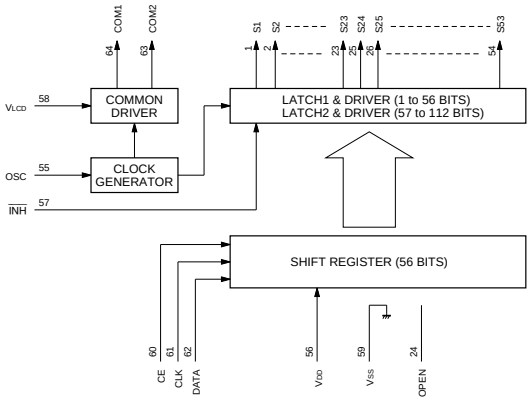
LCD DRIVER
—TOP VIEW—



INPUT
CE : CHIP ENABLE
CLK : CLOCK
DATA : SERIAL DATA
$\overline{INH}$: DISPLAY INHIBIT
OSC : OSCILLATOR

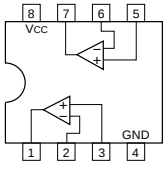
OUTPUT
COM1, 2 : COMMON OUTPUT

INPUT/OUTPUT
S1 - S53 : SEGMENT OUTPUT



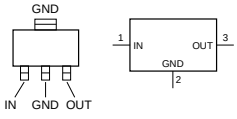
LM2903PW-E05 (TI)
NJM2903V(TE2) (JRC)

DUAL VOLTAGE COMPARATORS
—TOP VIEW—



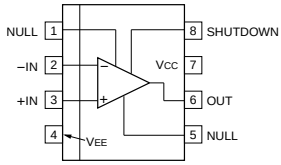
LT1121CST-5-TR (LINEAR TECH)+5.0 V

POSITIVE VOLTAGE REGULATOR
—TOP VIEW—



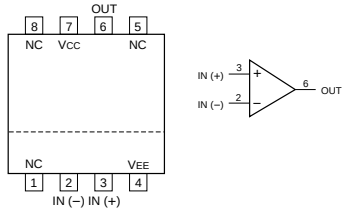
LT1227CS8 (LINEAR TECH)
LT1227CS8-E2

HIGH SPEED OPERATIONAL AMPLIFIER
—TOP VIEW—



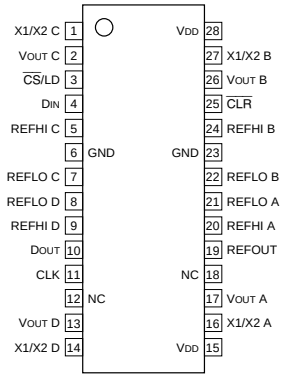
LT1252CS8 (LINEAR TECH)
LT1252CS8-E2

VIDEO AMPLIFIER
—TOP VIEW—



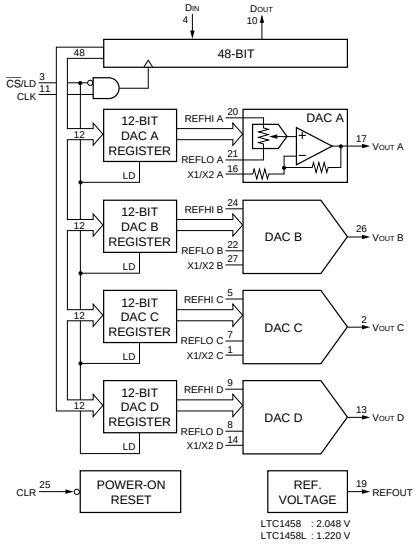
LTC1458CG-E2 (LINEAR TECH)

C-MOS QUAD 12-BIT RAIL-TO-RAIL MICROPOWER DAC
—TOP VIEW—



INPUT
CLK : SERIAL INTERFACE CLOCK
$\overline{CLR}$: CLEAR
$\overline{CS}$/LD : SERIAL INTERFACE ENABLE/ LOAD CONTROL
DIN : SERIAL DATA
REFHI : TOP REFERENCE
REFLO : BOTTOM REFERENCE
X1/X2 : GAIN CONTROL

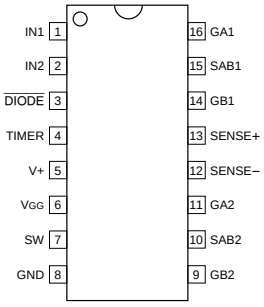
OUTPUT
DOUT : SERIAL DATA VIA SHIFT REGISTER
REFOUT : INTERNAL REFERENCE VOLTAGE
VOUT : D-to-A CONVERTED VOLTAGE



LTC1458 : 2.048 V
LTC1458L : 1.220 V

LTC1473CGN-E2 (LINEAR TECH)

DUAL POWER PATH SWITCH DRIVER
—TOP VIEW—

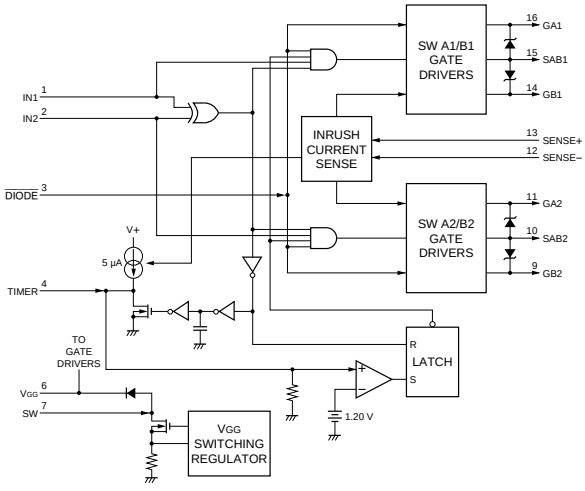


INPUTS

$\overline{\text{DIODE}}$	: 2-DIODE MODE
IN1	: LOGIC INPUT OF GATE DRIVERS GA1 AND GB1
IN2	: LOGIC INPUT OF GATE DRIVERS GA2 AND GB2
SENSE+, SENSE–	: INRUSH CURRENT
SW	: OPEN DRAIN OF N-CHANNEL MOSFET SWITCH
TIMER	: FAULT TIMER

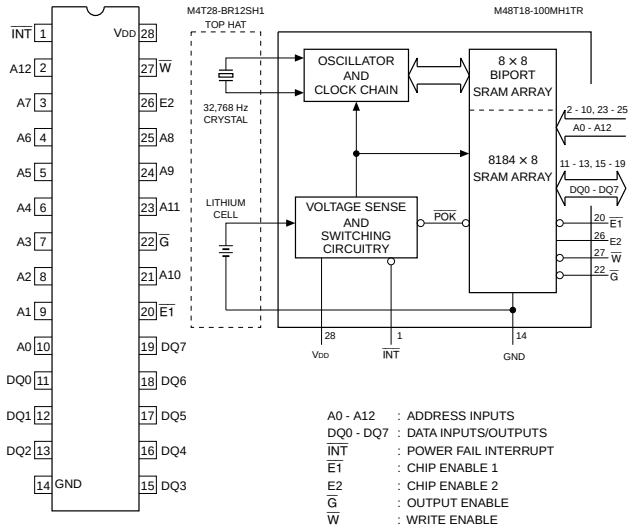
OUTPUTS

GA1, GA2, GB1, GB2	: SWITCH GATE DRIVER
SAB1, SAB2	: SOURCE RETURN



M48T18-100MH1TR (SGS)

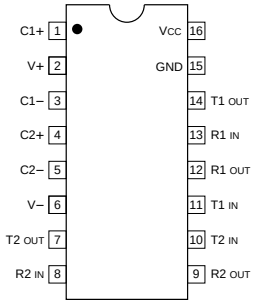
C-MOS 64 K (8,184 × 8)-BIT NON-VOLATILE SRAM AND REAL TIME CLOCK
—TOP VIEW—

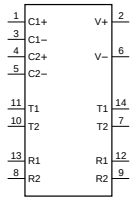


A0 - A12 : ADDRESS INPUTS
DQ0 - DQ7 : DATA INPUTS/OUTPUTS
$\overline{\text{INT}}$: POWER FAIL INTERRUPT
$\overline{\text{E1}}$: CHIP ENABLE 1
E2 : CHIP ENABLE 2
$\overline{\text{G}}$: OUTPUT ENABLE
$\overline{\text{W}}$: WRITE ENABLE

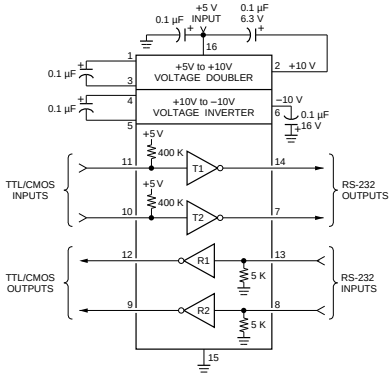
MAX202CSE (MAXIM)
MAX202CSE-T

RS-232 TRANSMITTER/RECEIVER
—TOP VIEW—



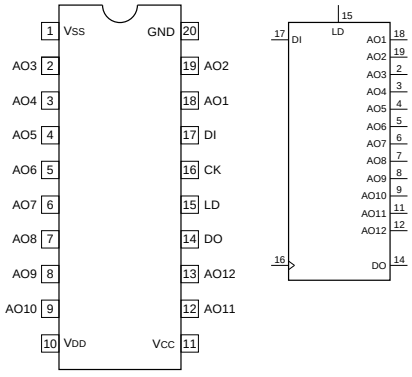


R1, 2 : RECEIVER 1, 2
T1, 2 : TRANSMITTER 1, 2

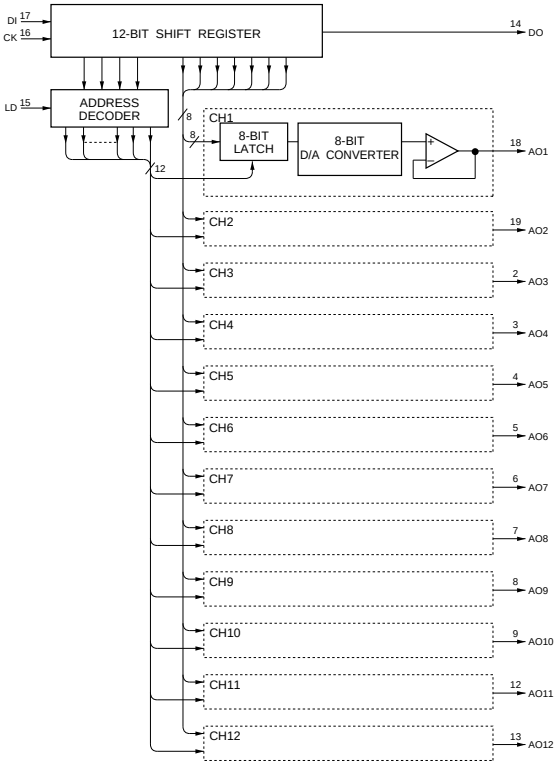


M62352GP (MITSUBISHI)
M62352GP-75ED

C-MOS 8-BIT × 12-CHANNEL D/A CONVERTER
(WITH BUFFER OPERATIONAL AMPLIFIER)
—TOP VIEW—

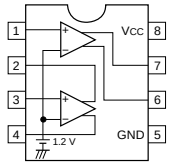


AO1 - AO12 : 8-BIT D/A OUTPUTS
CK : CLOCK INPUT
DI : SERIAL DATA INPUT
DO : DATA OUTPUT



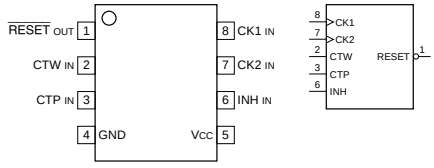
MB3761PF-ER (FUJITSU)

VOLTAGE DETECTOR
—TOP VIEW—



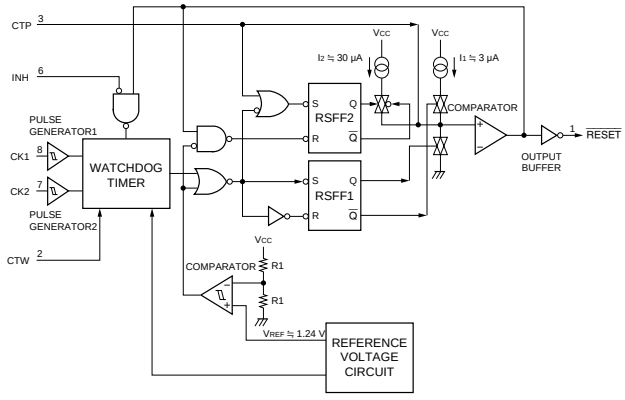
MB3793-42PNF (FUJITSU)
MB3793-42PNF-ER

SOURCE VOLTAGE SUPERVISOR
—TOP VIEW—



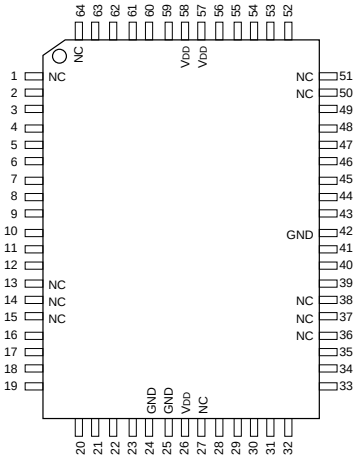
INPUT
CK1 : CLOCK 1
CK2 : CLOCK 2
CTP : POWER ON RESET HOLD TIME PRESET
CTW : WATCHDOG TIMER SUPERVISION TIME PRESET
INH : INHIBIT

OUTPUT
$\overline{\text{RESET}}$: RESET

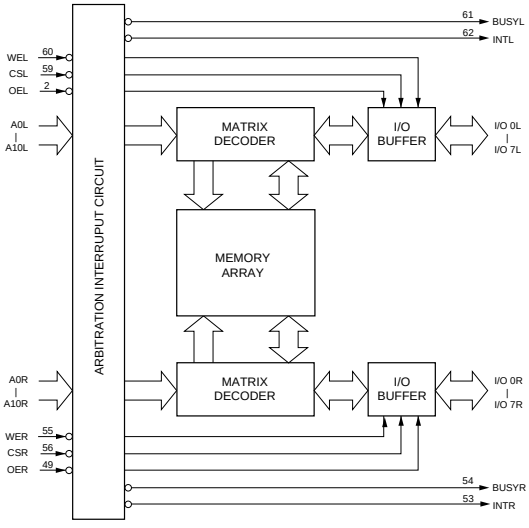


MB8421-90LPFQ (FUJITSU)(ACCESS TIME=90 nS)

C-MOS 16,384 (2 K × 8)-BIT DUAL PORT SRAM
—TOP VIEW—

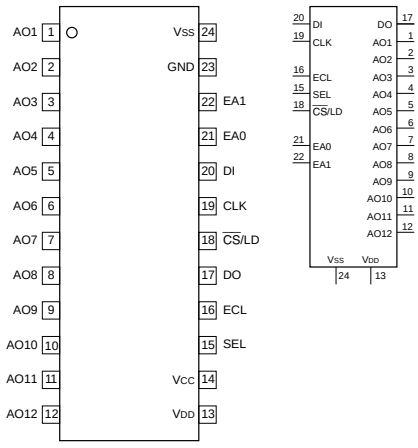


A0L - A10L, A0R - A10R	:	ADDRESS INPUTS
I/O0L - I/O7L, I/O0R - I/O7R	:	DATA INPUTS/OUTPUTS
$\overline{CSL}$, $\overline{CSR}$	:	CHIP SELECT INPUT
$\overline{WEL}$, $\overline{WER}$	:	WRITE ENABLE INPUT
$\overline{OEL}$, $\overline{OER}$	:	OUTPUT ENABLE INPUT
$\overline{BUSYL}$, $\overline{BUSYR}$	:	BUSY OUTPUT
$\overline{INTL}$, $\overline{INTR}$	:	INTERRUPT OUTPUT



MB88E346PFV-G-BND-ER (FUJITSU)

C-MOS A/D CONVERTER
—TOP VIEW—

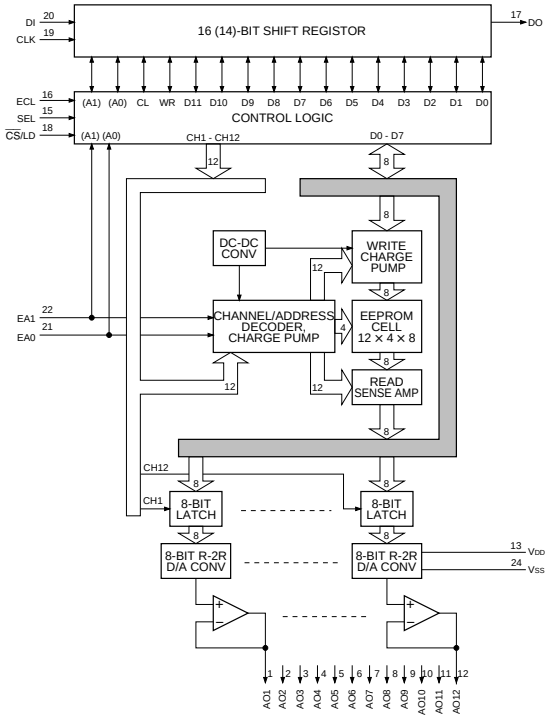


INPUT

CLK	:	SHIFT CLOCK
$\overline{CS}$/LD	:	CHIP SELECT/LOAD
DI	:	DATA
EA0 - 1	:	EEPROM ADDRESS
ECL	:	FOR CHECK
SEL	:	DATA SELECT

OUTPUT

A01 - 12	:	A/D
DO	:	DATA

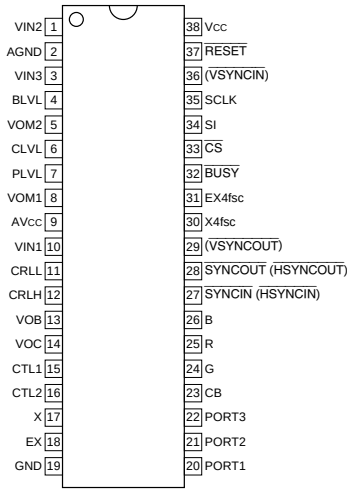


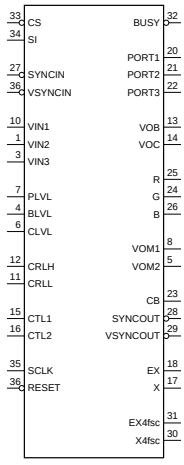
http://getMANUAL.com

MB90061-111 (FUJITSU)

TV DISPLAY CONTROLLER

—TOP VIEW—



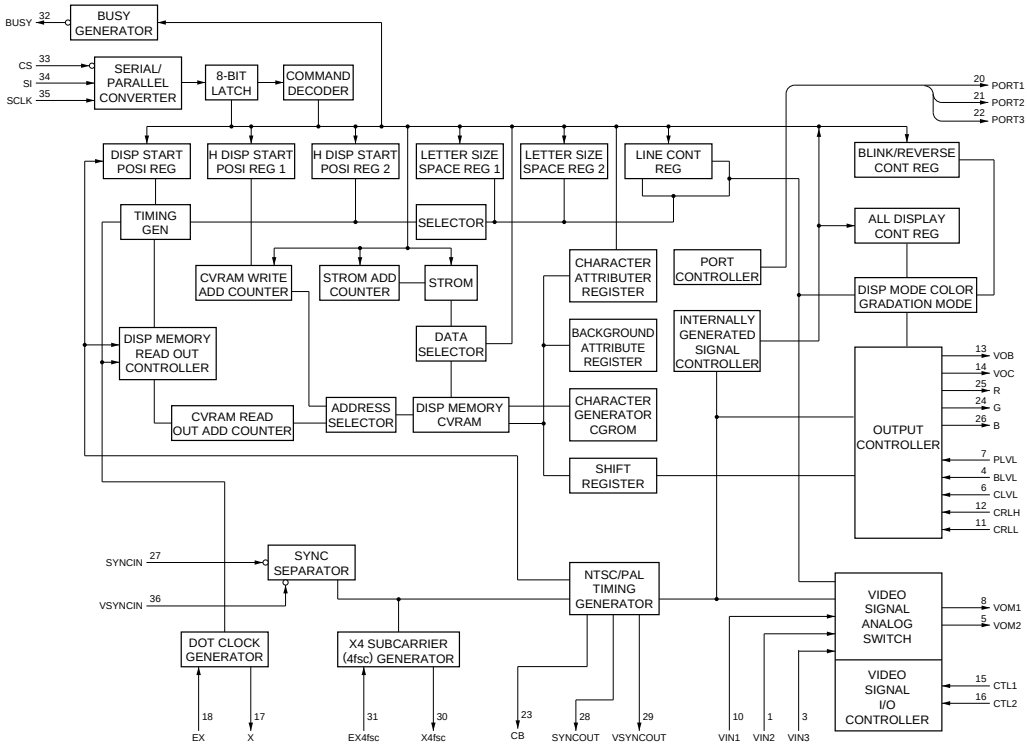


INPUTS

BLVL	:	BACK GROUND LEVEL
CLVL	:	CHARACTER LEVEL
CRLH	:	CHROMA HIGH LEVEL
CRLL	:	CHROMA LOW LEVEL
$\overline{CS}$	:	CHIP SELECT
CTL1, CTL2	:	CONTROL 1, 2 (VOM 1/2/3/4 SELECTION)
EX	:	DISPLAY DOT CLOCK TERMINAL
EX4fsc	:	COLOR BURST CLOCK TERMINAL
PLVL	:	VIDEO LEVEL
$\overline{RESET}$	:	RESET
SCLK	:	CLOCK
SI	:	SERIAL DATA
$\overline{SYNCIN}$	:	H SYNC
VIN1 - VIN3	:	VIDEO 1 - 3
$\overline{VSYNCIN}$	:	V SYNC

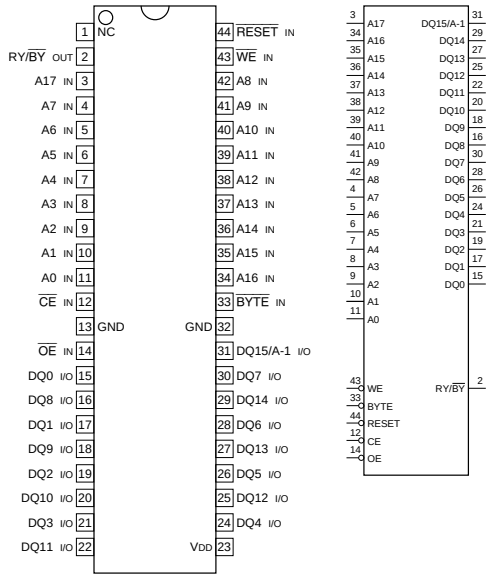
OUTPUTS

B	:	BLUE
$\overline{BUSY}$	:	BUSY
CB	:	COLOR BURST
G	:	GREEN
PORT1 - PORT3	:	PORT1 - PORT3
R	:	RED
$\overline{SYNCOUT}$	:	H SYNC
VOB	:	BACK GROUND VIDEO
VOC	:	CHARACTER VIDEO
VOM1, VOM2	:	VIDEO 1, 2
$\overline{VSYNCOUT}$	:	V SYNC
X	:	DISPLAY DOT CLOCK TERMINAL
X4fsc	:	COLOR BURST CLOCK TERMINAL



MBM29F400BC-90PF (FUJITSU)

4 M (524,288 × 8/262,144 × 16)-BIT FLASH MEMORY
—TOP VIEW—



INPUTS

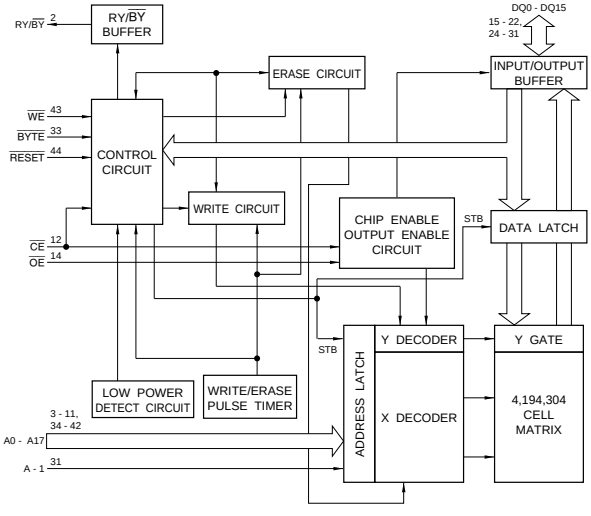
A0 - A17, A - 1 : ADDRESS
BYTE : 8-BIT, 16-BIT MODE SELECT
CE : CHIP ENABLE
OE : OUTPUT ENABLE
RESET : HARDWARE RESET
WE : WRITE ENABLE

OUTPUTS

RY/BY : READY/BUSY

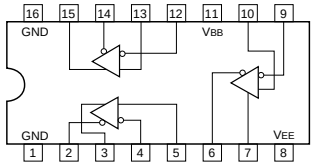
INPUTS/OUTPUTS

DQ0 - DQ15 : DATA



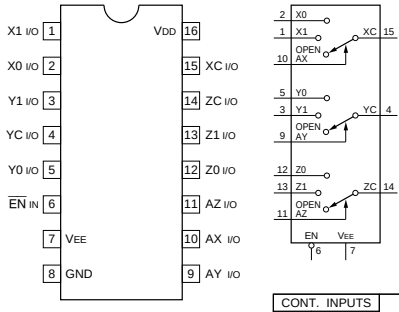
MC10H116M (MOTOROLA)
MC10H116MEL

ECL TRIPLE DIFFERENTIAL OR/NOR LINE RECEIVERS
—TOP VIEW—



MC14053BDTR2 (MOTOROLA)
MC14053BF (MOTOROLA)
MC14053BFEL
TC4053BFT(EL,N) (TOSHIBA)

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
—TOP VIEW—

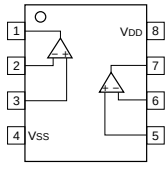


CONT. INPUTS		ON
EN	A (X, Y, Z)	CHANNEL
0	0	0
0	1	1
1	×	OPEN

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

MC14577CF (MOTOROLA)
MC14577CFEL

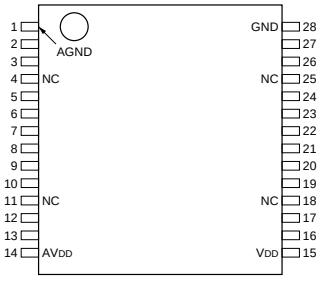
C-MOS DUAL VIDEO AMPLIFIERS
—TOP VIEW—

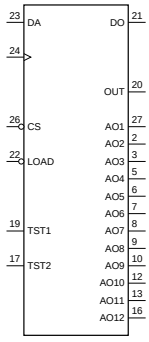


MSM6524GS-KR1 (OKI)

C-MOS 12 CHANNELS 8-BITS D-A CONVERTER WITH 96-BIT EEPROM

—TOP VIEW—





PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	A GND	15	—	V_{DD}
2	O	AO2	16	O	AO12
3	O	AO3	17	I	TST2
4	—	NC	18	—	NC
5	O	AO4	19	I	TST1
6	O	AO5	20	O	OUT
7	O	AO6	21	O	DO
8	O	AO7	22	I	$\overline{LOAD}$
9	O	AO8	23	I	DA
10	O	AO9	24	I	CLK
11	—	NC	25	—	NC
12	O	AO10	26	I	$\overline{CS}$
13	O	AO11	27	O	AO1
14	—	AV_{DD}	28	—	GND

INPUT

CLK ; SHIFT CLOCK
CS ; WRITE MODE PROTECT
DA ; SERIAL DATA
LOAD ; LOAD INPUT OF 8-BIT SHIFT REGISTER
TST1, TST2 ; TEST PINS

OUTPUT

AO0 - AO12 ; 8-BIT D/A OUTPUTS
DO ; LSB BIT DATA OF 8-BIT SHIFT REGISTER
OUT ; MONITOR PIN

MODE (1) WRITE

1st BYTE								2nd BYTE							
D0	D1	D2	D3	D4	D5	D6	D7	D0	D1	D2	D3	D4	D5	D6	D7
1	0	0	1	A0	A1	A2	A3	10	11	12	13	14	15	16	17
MODE SELECT				ADDRESS SELECT				DA DATA SET							

MODE (2) LOAD

1st BYTE								2nd BYTE							
D0	D1	D2	D3	D4	D5	D6	D7	D0	D1	D2	D3	D4	D5	D6	D7
1	1	1	1	A0	A1	A2	A3	10	11	12	13	14	15	16	17
MODE SELECT				ADDRESS SELECT				DA DATA SET							

MODE (3) MEMORY TEST

1st BYTE								2nd BYTE							
D0	D1	D2	D3	D4	D5	D6	D7	D0	D1	D2	D3	D4	D5	D6	D7
0	0	1	1	A0	A1	A2	A3	O0	O1	O2	O3	O4	O5	O6	O7
MODE SELECT				ADDRESS SELECT				MEMORY DATA OUTPUT							

0 ; LOW LEVEL
1 ; HIGH LEVEL

MODE SELECT

D0	D1	D2	D3	MODE SELECT
1	0	0	1	MODE1
1	1	1	1	MODE2
0	0	1	1	MODE3
OTHERS				DON'T CARE

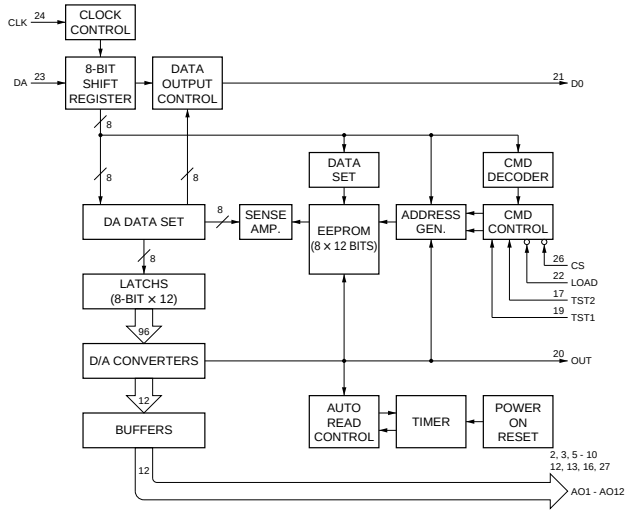
ADDRESS SELECT

D4	D5	D6	D7	ADDRESS SELECT
A0	A1	A2	A3	
0	0	0	0	DON'T CARE
1	0	0	0	AO1
0	1	0	0	AO2
1	1	0	0	AO3
0	0	1	0	AO4
1	0	1	0	AO5
0	1	1	0	AO6
1	1	1	0	AO7
0	0	0	1	AO8
1	0	0	1	AO9
0	1	0	1	AO10
1	1	0	1	AO11
0	0	1	1	AO12
1	0	1	1	DON'T CARE
0	1	1	1	DON'T CARE
1	1	1	1	DON'T CARE

D/A OUTPUT

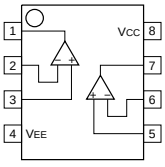
D0	D1	D2	D3	D4	D5	D6	D7	D/A OUTPUT
10	11	12	13	14	15	16	17	
0	0	0	0	0	0	0	0	≒ VOLA + (VOHA−VOLA)/256 × 1
1	0	0	0	0	0	0	0	≒ VOLA + (VOHA−VOLA)/256 × 2
0	1	0	0	0	0	0	0	≒ VOLA + (VOHA−VOLA)/256 × 3
1	1	0	0	0	0	0	0	≒ VOLA + (VOHA−VOLA)/256 × 4
0	0	1	0	0	0	0	0	≒ VOLA + (VOHA−VOLA)/256 × 5
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮ ⋮ ⋮
1	0	1	1	1	1	1	1	≒ VOLA + (VOHA−VOLA)/256 × 256
0	0	1	1	1	1	1	1	≒ VOLA + (VOHA−VOLA)/256 × 254
1	1	1	1	1	1	1	1	≒ VOLA + (VOHA−VOLA)/256 × 255
0	1	1	1	1	1	1	1	≒ VOLH

0 ; LOW LEVEL
1 ; HIGH LEVEL



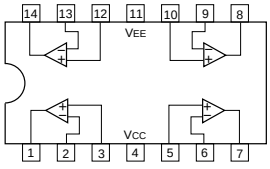
MC34182DR2
MC34182M (MOTOROLA)
NJM2041M-D (JRC)
NJM2041M-D(TE2)
NJM2068M-D-TE2 (JRC)
NJM4556AM-A-TE2 (JRC)
NJM4558V-TE2 (JRC)
NJM4565M-A (JRC)
NJM4565M-A(TE2)
NJM4580E-D (JRC)
NJM4580E-D-TE2
NJM4580V(TE2)
NJM4580V-TE2 (JRC)
TL062CPW (TI)
TL062CPW-E05
TL082CPW-E05 (TI)
UPC4570G2 (NEC)
UPC4570G2-E2

DUAL OPERATIONAL AMPLIFIERS
(DUAL-SUPPLY TYPE)
—TOP VIEW—



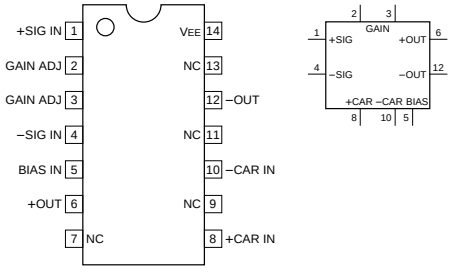
MC34184DR2 (MOTOROLA)
TL084CPW-E05
TL084CPW-E20 (TI)

OPERATIONAL AMPLIFIER
(J FET INPUT)
—TOP VIEW—



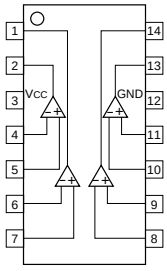
NJM1496M (JRC)
NJM1496M-TE2

BALANCED MODULATOR/DEMODULATOR
—TOP VIEW—



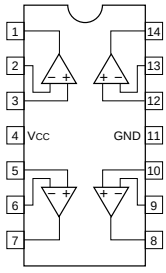
NJM2901V(TE2) (JRC)

SINGLE SUPPLY COMPARATOR
—TOP VIEW—



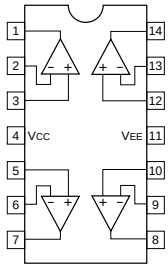
NJM2902V(TE2) (JRC)

OPERATIONAL AMPLIFIER
—TOP VIEW—



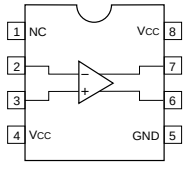
NJM3403AM (JRC)
NJM3403AM(TE2)

QUAD OPERATIONAL AMPLIFIER
—TOP VIEW—



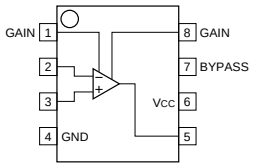
NJM360M (JRC)
NJM360M-TE2

HIGH SPEED VOLTAGE COMPARATOR
—TOP VIEW—



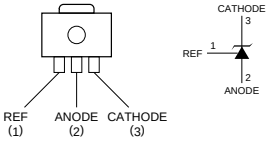
NJM386M(TE2) (JRC)

AUDIO POWER AMPLIFIER
—TOP VIEW—



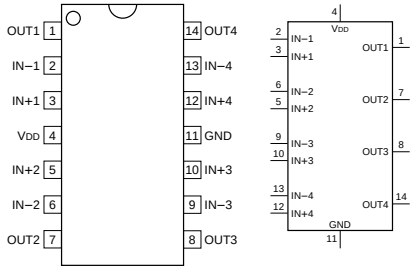
NJM431U (JRC)
NJM431U-TE1

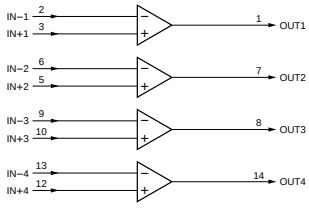
ADJUSTABLE PRECISION SHUNT REGULATOR
—FRONT VIEW—



NJU7064V(TE2) (JRC)

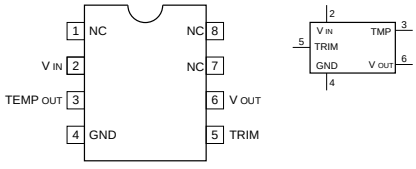
C-MOS 4-CIRCUIT OPERATION AMPLIFIER
—TOP VIEW—





REF-03GSR (PMI)

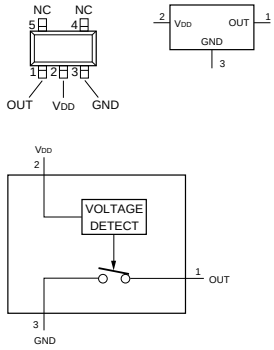
REFERENCE/TEMPERATURE TRANSDUCER
—TOP VIEW—



V IN ; INPUT VOLTAGE
TEMP OUT ; TEMPERATURE TRANSDUCER VOLTAGE OUTPUT
TRIM IN ; OUTPUT SIGNAL RIMMING
V OUT ; OUTPUT VOLTAGE

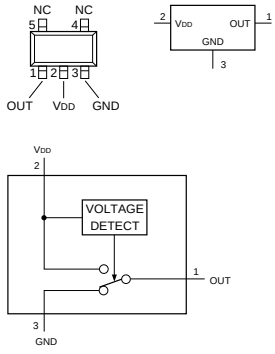
S-80727-SN-DQ-T1 (SEIKO I&E)

C-MOS VOLTAGE DETECTOR
—TOP VIEW—



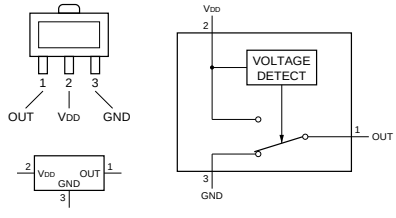
S-80745SL-A9 (SEIKO INSTR)+4.5 V
S-80745SL-A9-T1

C-MOS VOLTAGE DETECTOR
—TOP VIEW—



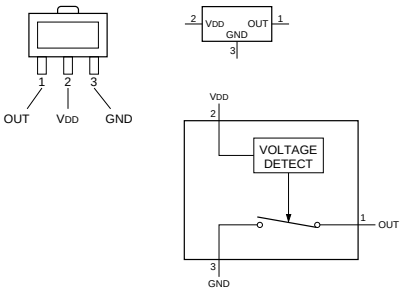
S-80833ALUP-EAX-T2 (SEIKO INSTR)+3.3 V

C-MOS VOLTAGE DETECTOR
—TOP VIEW—



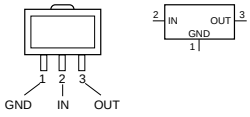
S-80840ANUP-ED4-T2 (SEIKO INSTR)3.92-4.08 V

C-MOS VOLTAGE DETECTOR WITH N-CHANNEL OPEN DRAIN OUTPUT
—TOP VIEW—



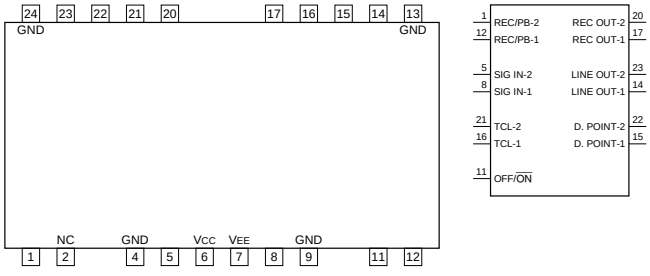
S-81230SGUP-DQB-T1 (SEIKO I&E)

THREE TERMINAL POSITIVE VOLTAGE REGULATOR
—TOP VIEW—



SBX1645-01 (SONY)

DOLBY TYPE C NOISE REDUCTION SYSTEM
—TOP VIEW—



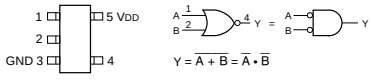
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	REC/PB-2	7	—	VEE	13	—	GND	19		
2	—	NC	8	I	SIG IN-1	14	O	LINE OUT-1	20	O	REC OUT-2
3			9	—	GND	15	O	D.POINT-1	21	I	TCL-2
4	—	GND	10			16	I	TCL-1	22	O	D.POINT-2
5	I	SIG IN-2	11	I	OFF/$\overline{ON}$	17	O	REC OUT-1	23	O	LINE OUT-2
6	—	VCC	12	I	REC/PB-1	18			24	—	GND

INPUT
OFF/$\overline{ON}$; NOISE REDUCTION ON/OFF SWITCH
REC/PB-1, 2 ; RECORD/PLAYBACK SWITCH (H : EE)
SIG IN-1, 2 ; AUDIO SIGNAL
TCL-1, 2 ; EXTERNAL CAPACITY CONNECTION

OUTPUT
D. POINT-1, 2 ; DOLBY POINT
LINE OUT-1, 2 ; LINE (DECODE OUTPUT)
REC OUT-1, 2 ; RECORDING SIGNAL (ENCODE OUTPUT)

SC7S02F (MOTOROLA)
TC7S02F(TE85R)
TC7S02FU(TE85R)
TC7S02FU-TE85L (TOSHIBA)
TC7SET02FU(TE85R) (TOSHIBA)
TC7SH02FU (TOSHIBA)
TC7SH02FU-TE85R

C-MOS 2-INPUT NOR GATE
—TOP VIEW—

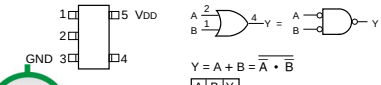


A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

SC7S32F (MOTOROLA)
TC4S71F (TOSHIBA)
TC4S71F(TE85R)
TC7S32F(TE85R)
TC7S32FU(TE85R) (TOSHIBA)
TC7SET32FU(TE85R) (TOSHIBA)
TC7SH32FU-TE85R (TOSHIBA)

C-MOS 2-INPUT OR GATE
—TOP VIEW—

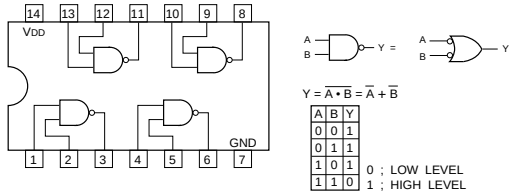


A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

SN74HC00ANS (TI)
SN74HC00ANS-E05
TC74VHC00FT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT NAND GATES
—TOP VIEW—

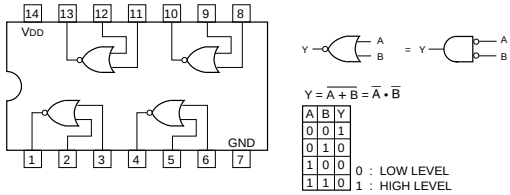


A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

SN74HC02APW-E05 (TI)
TC74VHC02FT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT NOR GATES
—TOP VIEW—

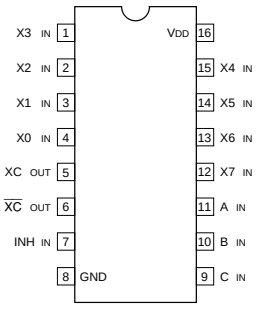


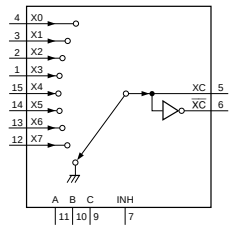
A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

SN74HC151APW-E05 (TI)

C-MOS 8-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
—TOP VIEW—



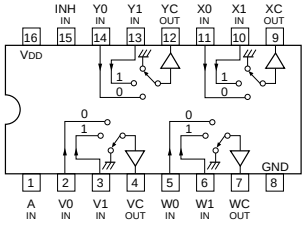


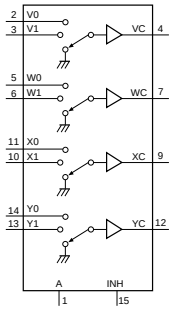
CONTROL INPUTS				ON CHANNEL
INH	C	B	A	
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	×	×	×	GND

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

SN74HC157APW-E05 (TI)
TC74VHC157FT(EL) (TOSHIBA)

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
—TOP VIEW—



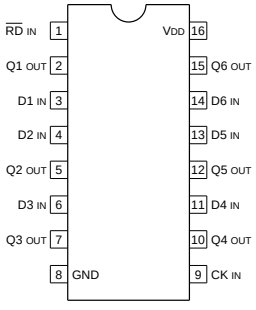


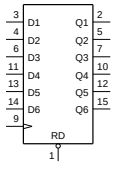
CONT. IN		ON CHANNEL
INH	A	
0	0	0
0	1	1
1	×	GND

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

SN74HC174APW-E05 (TI)

C-MOS D-TYPE FLIP-FLOP WITH RESET
—TOP VIEW—

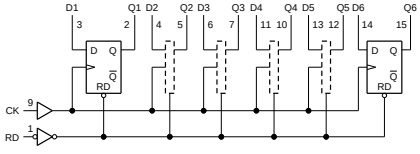




EACH FLIP-FLOP

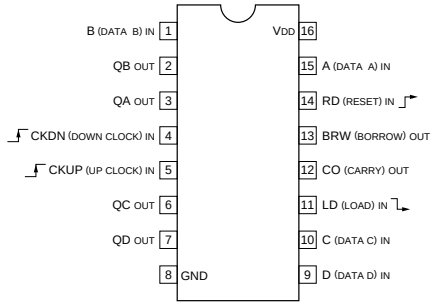
INPUTS			OUT
RD	CK	D	Q
0	×	×	0
1	↑	0	0
1	↑	1	1
1	0	×	Q_0

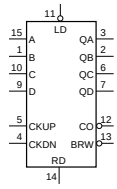
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE



SN74HC193ANS (TI)
SN74HC193ANS-E05

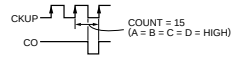
C-MOS PRESETTABLE SYNCHRONOUS 4-BIT UP/DOWN COUNTER
—TOP VIEW—



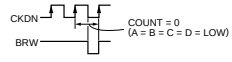


CONTROL INPUT				MODE
RD	LD	CKUP	CKDN	
1	×	×	×	RESET TO ZERO
0	0	×	×	PRESET
0	1	↑	1	UP COUNT
0	1	1	↑	DOWN COUNT
0	1	1	1	NO COUNT

$CO = \overline{CKUP \cdot QA \cdot QB \cdot QC \cdot QD}$



$BRW = \overline{CKDN \cdot \overline{QA} \cdot \overline{QB} \cdot \overline{QC} \cdot \overline{QD}}$



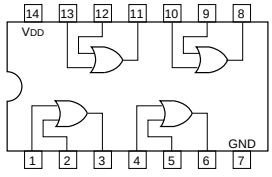
COUNT	OUTPUT			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

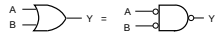
UP COUNT
DOWN COUNT

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

SN74HC32APW-E05 (TI)
TC74VHC32FT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT OR GATES
—TOP VIEW—





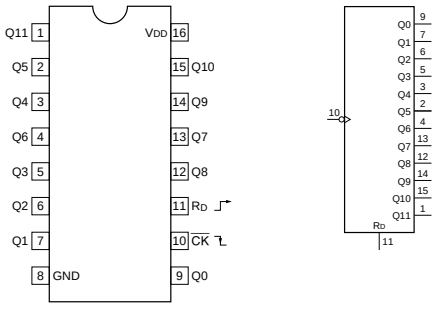
$Y = A + B = \overline{\overline{A} \cdot \overline{B}}$

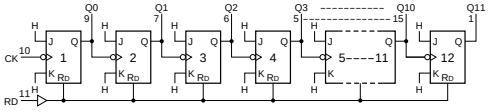
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

SN74HC4040APW-E05 (TI)

C-MOS 12-STAGE RIPPLE CARRY BINARY COUNTER/DRIVER
—TOP VIEW—





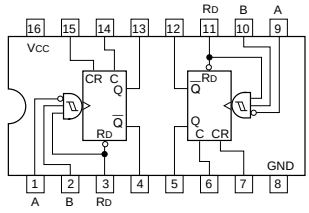
COUNT	Q11	Q10	Q9	Q8	Q7	Q6	Q5	Q4	Q3	Q2	Q1	Q0
0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	1	0
3	0	0	0	0	0	0	0	0	0	0	1	1
4095	1	1	1	1	1	1	1	1	1	1	1	1

RD	Q11-------Q0
1	ALL LOW
0	COUNT

0 : LOW LEVEL
1 : HIGH LEVEL

SN74LS221NS-E05 (TI)

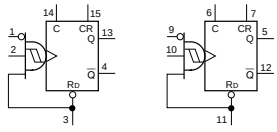
TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
—TOP VIEW—



INPUTS			OUTPUTS	
RD	A	B	Q	$\overline{Q}$
0	×	×	0	1
×	1	×	0	1
×	×	0	0	1
1	0	↑	⊓	⊓
1	↓	1	⊓	⊓
↑	0	1	⊓	⊓

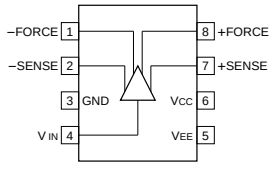
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

OUTPUT PULSE WIDTH = 0.7CR



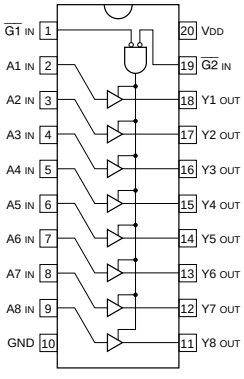
SSM-2142P (PMI)

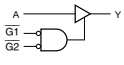
BALANCED LINE DRIVER
—TOP VIEW—



SN74HC541APW-E05 (TI)
SN74HCT541APW-E05 (TI)
SN74LV541APWR (TI)
TC74VHC541FT(EL) (TOSHIBA)
TC74VHCT541AFT(EL) (TOSHIBA)

OCTAL BUS BUFFER WITH 3-STATE OUTPUTS
—TOP VIEW—



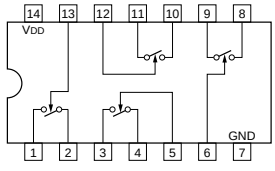


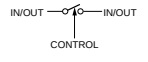
G1	G2	A	Y
0	0	0	0
0	0	1	1
1	×	×	HI-Z
×	1	×	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE

TC4066BFT(EL,N) (TOSHIBA)

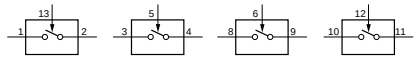
C-MOS QUAD BILATERAL ANALOG SWITCH
—TOP VIEW—





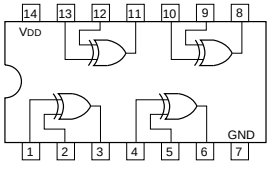
CONTROL	SWITCH
0	OFF
1	ON

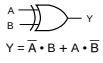
0 : LOW LEVEL
1 : HIGH LEVEL



SN74HC86APW-E05 (TI)
TC74VHC86FT(EL) (TOSHIBA)

C-MOS QUAD EXCLUSIVE OR GATES
—TOP VIEW—





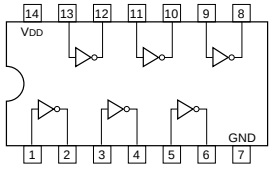
$Y = \overline{A} \cdot B + A \cdot \overline{B}$

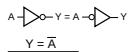
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC4069UBFT(EL,N) (TOSHIBA)

C-MOS INVERTER
—TOP VIEW—





$Y = \overline{A}$

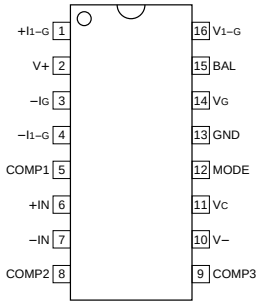
A	Y
0	1
1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

SSM2018TS-REEL (AD)

VOLTAGE CONTROLLED AMPLIFIER

—TOP VIEW—

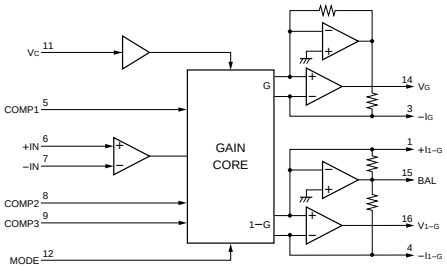


INPUTS

−IN	: NEGATIVE SIGNAL
+IN	: POSITIVE SIGNAL
BAL	: BALANCE CONTROL
COMP1 - COMP3	: COMPENSATION
MODE	: OPERATION MODE SELECT
VC	: OPERATIONAL VOLTAGE CONTROL

OUTPUTS

−I1−G, −IG	: NEGATIVE CURRENT SIGNAL
+I1−G	: POSITIVE CURRENT SIGNAL
V1−G, VG	: VOLTAGE OUTPUT FOR FEEDBACK



TC4S66F (TOSHIBA)
TC4S66F(TE85R)
TC7S66FU (TOSHIBA)
TC7S66FU(TE85R)

C-MOS BILATERAL ANALOG SWITCH

—TOP VIEW—

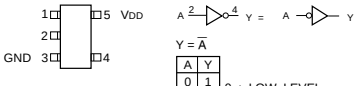
CONT	SWITCH
0	OFF
1	ON

0 : LOW LEVEL
1 : HIGH LEVEL

TC4S69F (TOSHIBA)
TC4S69F(TE85R)
TC7S04FU(TE85R) (TOSHIBA)
TC7SET04FU(TE85R) (TOSHIBA)
TC7SH04FU (TOSHIBA)
TC7SH04FU-TE85R

C-MOS INVERTER

—TOP VIEW—



$Y = \overline{A}$

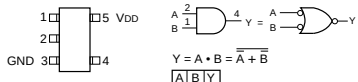
A	Y
0	1
1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC4S81F(TE85R) (TOSHIBA)
TC7S08F (TOSHIBA)
TC7S08F(TE85R)
TC7S08FU(TE85R) (TOSHIBA)
TC7SET08FU(TE85R) (TOSHIBA)
TC7SH08FU-TE85R (TOSHIBA)

C-MOS 2-INPUT AND GATE

—TOP VIEW—



$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

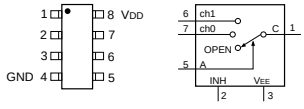
A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

TC4W53F (TOSHIBA)
TC4W53F(TE12R)
TC4W53FU (TOSHIBA)
TC7W53FU(TE12R) (TOSHIBA)

C-MOS 2-CHANNEL MULTIPLEXER/DEMULTIPLEXER

—TOP VIEW—



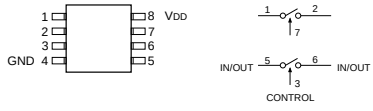
CONT. INPUT		ON
INH	A	CHANNEL
0	0	ch0
0	1	ch1
1	×	OPEN

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

TC4W66FU(TE12R) (TOSHIBA)

C-MOS DUAL BILATERAL SWITCH

—TOP VIEW—



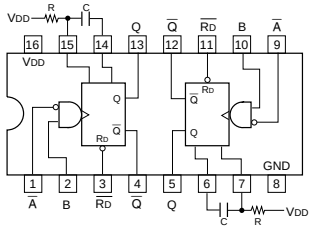
CONTROL	SWITCH
0	OFF
1	ON

0 : LOW LEVEL
1 : HIGH LEVEL

TC74HC123AF (TOSHIBA)
TC74HC123AF(EL)
TC74VHC123AFT(EL) (TOSHIBA)

C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS

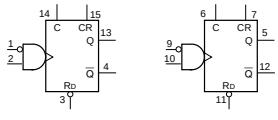
—TOP VIEW—



INPUTS			OUTPUTS	
RD	A	B	Q	$\overline{Q}$
0	×	×	0	1
1	1	×	0	1
1	×	0	0	1
1	0	↑	⊓	⊓
1	↓	1	⊓	⊓
↓	0	1	⊓	⊓

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

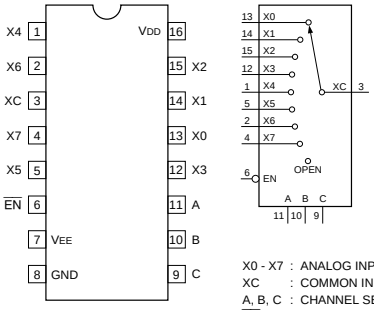
OUTPUT PULSE WIDTH = 0.46 CR



TC74HC4051AFT(EL) (TOSHIBA)

C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER

—TOP VIEW—



X0 - X7 : ANALOG INPUTS/OUTPUTS
XC : COMMON INPUT/OUTPUT
A, B, C : CHANNEL SELECT INPUT
$\overline{EN}$: ENABLE INPUT

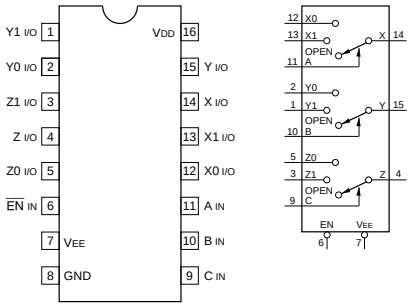
CONTROL INPUTS				SELECTED CHANNEL
EN	SELECT			
	C	B	A	
0	0	0	0	X0
0	0	0	1	X1
0	0	1	0	X2
0	0	1	1	X3
0	1	0	0	X4
0	1	0	1	X5
0	1	1	0	X6
0	1	1	1	X7
1	×	×	×	OPEN

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

TC74HC4053AFT(EL) (TOSHIBA)

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER

—TOP VIEW—



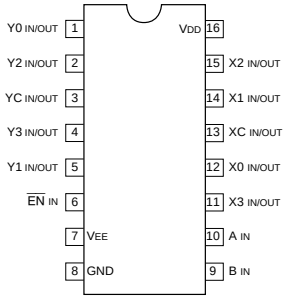
CONTROL INPUTS				ON CHANNEL		
EN	SELECT					
	C	B	A			
0	0	0	0	Z0	Y0	X0
0	0	0	1	Z0	Y0	X1
0	0	1	0	Z0	Y1	X0
0	0	1	1	Z0	Y1	X1
0	1	0	0	Z1	Y0	X0
0	1	0	1	Z1	Y0	X1
0	1	1	0	Z1	Y1	X0
0	1	1	1	Z1	Y1	X1
1	×	×	×	OPEN		

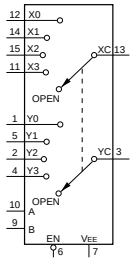
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

TC74HC4052AFT(EL) (TOSHIBA)

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER

—TOP VIEW—





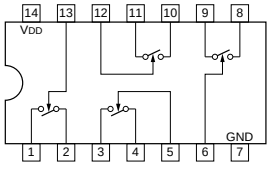
CONTROL INPUTS			"ON" CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	×	×	OPEN

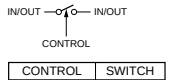
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

TC74HC4066AFT(EL) (TOSHIBA)

C-MOS BILATERAL ANALOG SWITCH

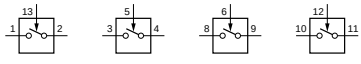
—TOP VIEW—





CONTROL	SWITCH
0	OFF
1	ON

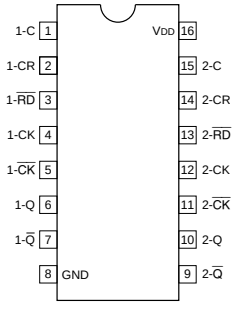
0 : LOW LEVEL
1 : HIGH LEVEL

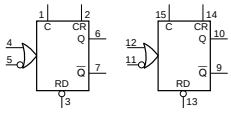


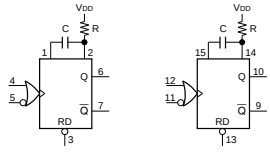
TC74HC4538AFT(EL) (TOSHIBA)

C-MOS DUAL RETRIGGERABLE/NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR

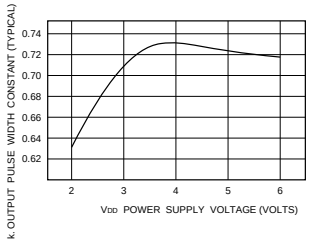
—TOP VIEW—



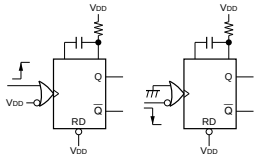




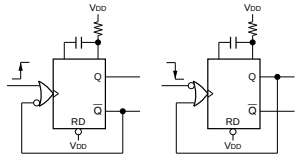
OUTPUT PULSE WIDTH = k • C • R



RETRIGGERABLE M. M. V



NON-RETRIGGERABLE M. M. V

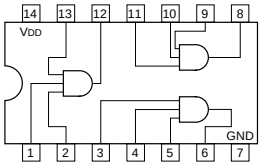


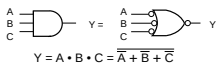
http://getMANUAL.com

TC74VHC11FT(EL) (TOSHIBA)

C-MOS 3-INPUT POSITIVE-AND GATE

—TOP VIEW—





$Y = A \cdot B \cdot C = \overline{\overline{A} + \overline{B} + \overline{C}}$

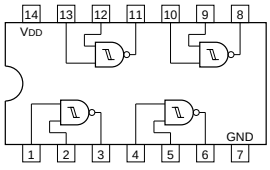
A	B	C	Y
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	1

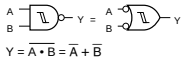
0 ; LOW LEVEL
1 ; HIGH LEVEL

TC74VHC132FT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT NAND SCHMITT TRIGGER

—TOP VIEW—





$Y = \overline{A} \cdot \overline{B} = \overline{\overline{A} + \overline{B}}$

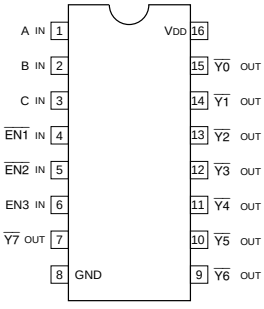
A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

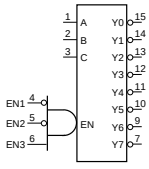
0 : LOW LEVEL
1 : HIGH LEVEL

TC74VHC138FT(EL) (TOSHIBA)

C-MOS 3-TO-8 LINE DECODER/DEMULTIPLEXER

—TOP VIEW—





INPUTS				OUTPUTS							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	×	×	×	1	1	1	1	1	1	1	1
1	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1	1	1	0	1
1	0	1	0	1	1	1	1	1	0	1	1
1	0	1	1	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	1	1	1	1
1	1	0	1	1	1	0	1	1	1	1	1
1	1	1	0	1	0	1	1	1	1	1	1
1	1	1	1	0	1	1	1	1	1	1	1

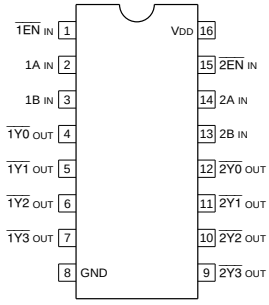
$EN = \overline{EN1} \cdot \overline{EN2} \cdot EN3$

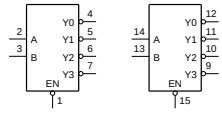
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

TC74VHC139FT(EL) (TOSHIBA)

C-MOS DUAL 2-TO-4 DECODER/DEMULTIPLEXER

—TOP VIEW—





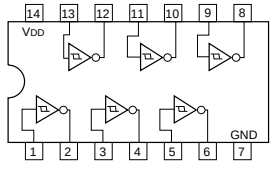
INPUTS			OUTPUTS			
EN	B	A	Y3	Y2	Y1	Y0
0	0	0	1	1	1	0
0	0	1	1	1	0	1
0	1	0	1	0	1	1
0	1	1	0	1	1	1
1	×	×	1	1	1	1

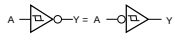
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

TC74VHC14FT(EL) (TOSHIBA)

C-MOS HEX SCHMITT TRIGGER INVERTERS

—TOP VIEW—





$Y = \overline{A}$

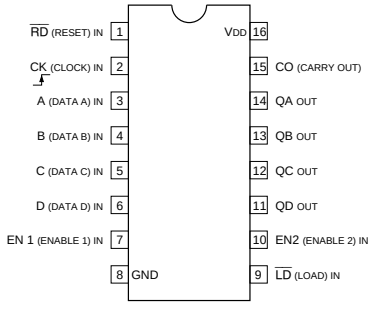
A	Y
0	1
1	0

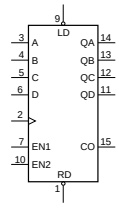
0 : LOW LEVEL
1 : HIGH LEVEL

TC74VHC161FT(EL) (TOSHIBA)

C-MOS SYNCHRONOUS PRESETTABLE 4-BIT BINARY COUNTER

—TOP VIEW—



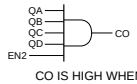


MODE SELECTION

CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	×	×	×	RESET (ASYNCHRONOUS)
1	0	×	×	PRESET (SYNCHRONOUS)
1	1	0	×	NO COUNT
1	1	×	0	NO COUNT
1	1	1	1	COUNT

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

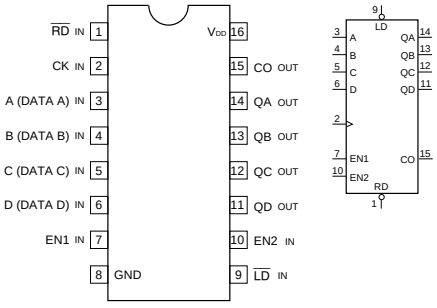
COUNT SEQUENCE

COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

TC74VHC163FT(EL) (TOSHIBA)

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER

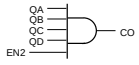
—TOP VIEW—



MODE SELECTION

CONTROL INPUTS				MODE
RD	LD	EN1	EN2	
0	×	×	×	RESET (SYNCHRONOUS)
1	0	×	×	PRESET (SYNCHRONOUS)
1	1	0	×	NO COUNT
1	1	×	0	NO COUNT
1	1	1	1	COUNT

CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

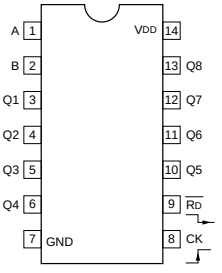
COUNT SEQUENCE

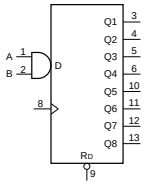
COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

TC74VHC164FT(EL) (TOSHIBA)

C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER

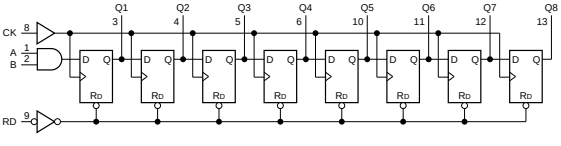
—TOP VIEW—





INPUTS				OUTPUTS			
RD	CK	A	B	Q1	Q2	---	Q8
0	×	×	×	0	0	0	0
1	0	×	×	Q1o	Q2o	---	Q8o
1	↑	1	1	1	Q1n	---	Q7n
1	↑	0	×	0	Q1n	---	Q7n
1	↑	×	0	0	Q1n	---	Q7n

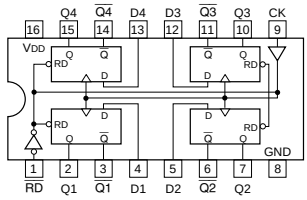
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

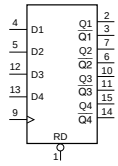


TC74VHC175FT(EL) (TOSHIBA)

C-MOS QUAD D-TYPE FLIP-FLOPS WITH RESET

—TOP VIEW—





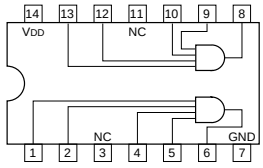
RD	CK	D	Q	$\overline{Q}$
0	×	×	0	1
1	↑	1	1	0
1	↑	0	0	1
1	0	×	Q_0	$\overline{Q}_0$

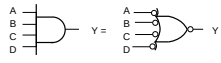
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
Q_0 : NO CHANGE
$\overline{Q}_0$: NO CHANGE

TC74VHC21FT(EL) (TOSHIBA)

C-MOS DUAL 4-INPUT POSITIVE AND GATE

—TOP VIEW—





$Y = A \cdot B \cdot C \cdot D = \overline{\overline{A} + \overline{B} + \overline{C} + \overline{D}}$

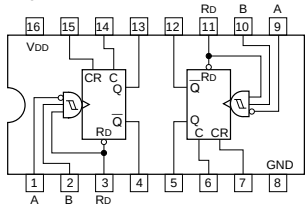
A	B	C	D	Y
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	0
⋮	⋮	⋮	⋮	⋮
1	1	0	1	0
1	1	1	0	0
1	1	1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

TC74VHC221AFT(EL) (TOSHIBA)

C-MOS MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT

—TOP VIEW—



INPUTS			OUTPUTS	
RD	A	B	Q	$\overline{Q}$
0	×	×	0	1
×	1	×	0	1
×	×	0	0	1
1	0	↑	⊓	⊔
1	↓	1	⊓	⊔
↑	0	1	⊓	⊔

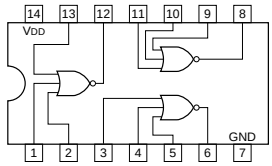
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

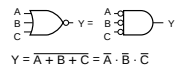
OUTPUT PULSE WIDTH = 0.7CR

TC74VHC27FT(EL) (TOSHIBA)

C-MOS 3-LINE POSITIVE-NOR GATE

—TOP VIEW—





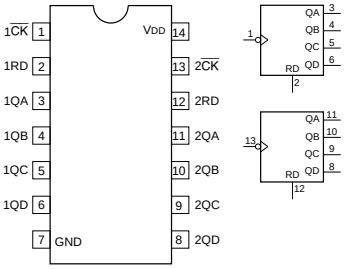
$Y = \overline{A + B + C} = \overline{A} \cdot \overline{B} \cdot \overline{C}$

A	B	C	Y
0	0	0	1
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

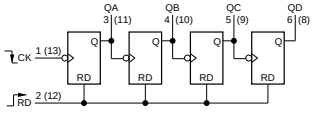
TC74VHC393FT(EL) (TOSHIBA)

C-MOS DUAL 4-BIT BINARY COUNTER
—TOP VIEW—



COUNT SEQUENCE

COUNT	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1



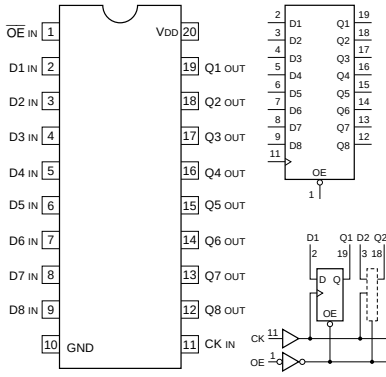
RESET/COUNT FUNCTION

RD	QD	QC	QB	QA
1	0	0	0	0
0	COUNT			

0 : LOW LEVEL
1 : HIGH LEVEL

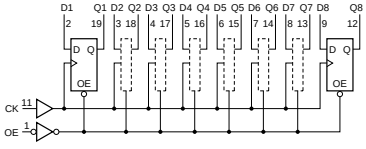
TC74VHC573FT(EL) (TOSHIBA)

C-MOS 3-STATE OUTPUTS OCTAL LATCHES
—TOP VIEW—



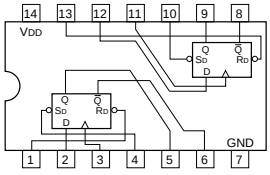
INPUT			OUT
OE	CK	D	Q
0	1	1	1
0	1	0	0
0	0	×	Qo
1	×	×	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE
HI-Z : HIGH IMPEDANCE
Qo : NO CHANGE



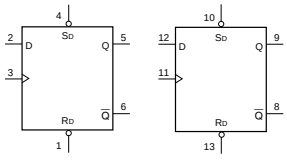
TC74VHC74FT(EL) (TOSHIBA)

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
—TOP VIEW—



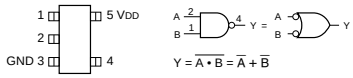
INPUTS				OUTPUTS	
$\overline{SD}$	$\overline{RD}$	CK	D	Qn+1	$\overline{Qn+1}$
0	1	×	×	1	0
1	0	×	×	0	1
0	0	×	×	1	1
1	1	↑	1	1	0
1	1	↑	0	0	1
1	1	0	×	Qn	$\overline{Qn}$

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE



TC7S00FU(TE85R) (TOSHIBA)
TC7SH00FU-TE85R (TOSHIBA)

C-MOS 2-INPUT NAND GATE
—TOP VIEW—

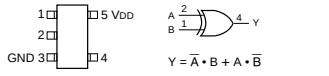


A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC7S86FU (TOSHIBA)
TC7S86FU(TE85R)
TC7SH86FU-TE85R (TOSHIBA)

C-MOS 2-INPUT EXCLUSIVE OR GATE
—TOP VIEW—

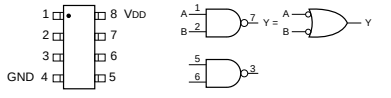


A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC7W00FU (TOSHIBA)
TC7W00FU(TE12R)

C-MOS DUAL 2-INPUT NAND GATE
—TOP VIEW—

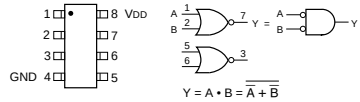


A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC7W02F (TOSHIBA)
TC7W02FU(TE12R)

C-MOS DUAL 2-INPUT NOR GATE
—TOP VIEW—

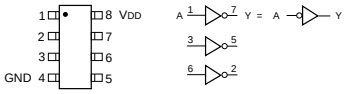


A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC7W04FU (TOSHIBA)
TC7W04FU(TE12R)

TRIPLE INVERTERS
—TOP VIEW—



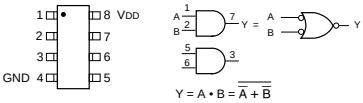
$Y = \overline{A}$

A	Y
0	1
1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC7W08FU (TOSHIBA)
TC7W08FU(TE12R)

C-MOS 2-INPUT AND GATE
—TOP VIEW—



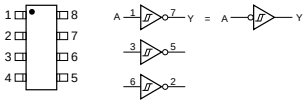
$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

TC7W14FU(TE12R) (TOSHIBA)

C-MOS HEX INVERTERS
—TOP VIEW—



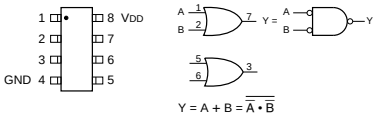
$Y = \overline{A}$

A	Y
0	1
1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC7W32FU (TOSHIBA)
TC7W32FU(TE12R)

C-MOS DUAL 2-INPUT OR GATE
—TOP VIEW—



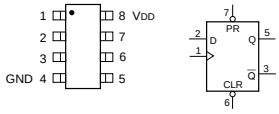
$Y = A + B = \overline{\overline{A} \cdot \overline{B}}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

TC7W74FU (TOSHIBA)
TC7W74FU(TE12R)
TC7WH74FU(TE12R)
TC7WH74FU(TR12R) (TOSHIBA)

C-MOS D-TYPE FLIP-FLOPS WITH PRESET AND CLEAR
—TOP VIEW—

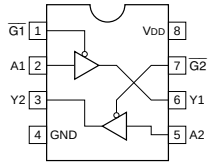


INPUTS				OUTPUTS		FUNCTION
$\overline{CLR}$	$\overline{PR}$	CK	D	Qn+1	$\overline{Qn+1}$	
0	1	×	×	0	1	CLEAR
1	0	×	×	1	0	PRESET
0	0	×	×	1	1	–
1	1	↓	0	0	1	–
1	1	↓	1	1	0	–
1	1	↑	×	Qn	$\overline{Qn}$	NO CHANGE

0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE

TC7WH125FU(TE12R) (TOSHIBA)

C-MOS DUAL BUS BUFFER
—TOP VIEW—

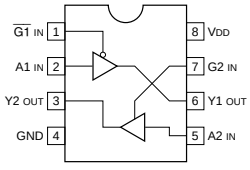


INPUTS		OUTPUT
G	A	Y
H	×	Z
L	L	L
L	H	H

× : DON'T CARE
Z : HI-IMPEDANCE

TC7WH241FU(TE12R) (TOSHIBA)

DUAL BUS BUFFER
—TOP VIEW—



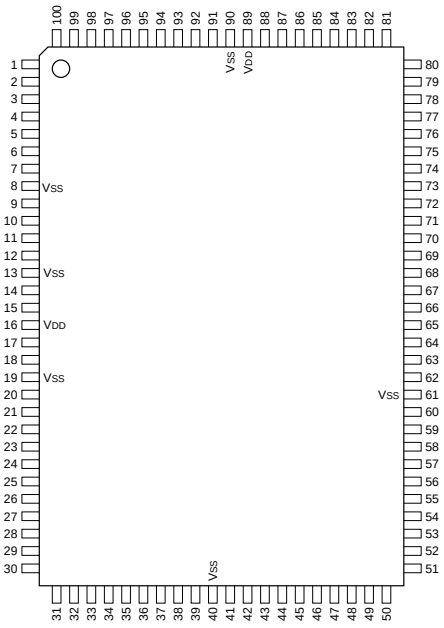
INPUT			OUTPUT
$\overline{G}$	G	A	Y
L	H	L	L
L	H	H	H
H	L	×	Z

× : DON'T CARE
Z : HI-IMPEDANCE

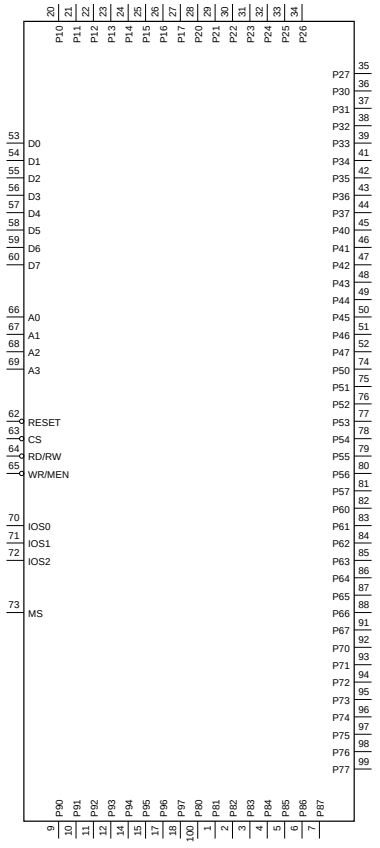
TE7751 (TKE)

C-MOS SUPER I/O EXPANDER (8-BIT × 9 CH)

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P81	26	I/O	P16	51	I/O	P46	76	I/O	P52
2	I/O	P82	27	I/O	P17	52	I/O	P47	77	I/O	P53
3	I/O	P83	28	I/O	P20	53	I/O	D0	78	I/O	P54
4	I/O	P84	29	I/O	P21	54	I/O	D1	79	I/O	P55
5	I/O	P85	30	I/O	P22	55	I/O	D2	80	I/O	P56
6	I/O	P86	31	I/O	P23	56	I/O	D3	81	I/O	P57
7	I/O	P87	32	I/O	P24	57	I/O	D4	82	I/O	P60
8	—	VSS	33	I/O	P25	58	I/O	D5	83	I/O	P61
9	I/O	P90	34	I/O	P26	59	I/O	D6	84	I/O	P62
10	I/O	P91	35	I/O	P27	60	I/O	D7	85	I/O	P63
11	I/O	P92	36	I/O	P30	61	—	VSS	86	I/O	P64
12	I/O	P93	37	I/O	P31	62	I	$\overline{\text{RESET}}$	87	I/O	P65
13	—	VSS	38	I/O	P32	63	I	$\overline{\text{CS}}$	88	I/O	P66
14	I/O	P94	39	I/O	P33	64	I	$\overline{\text{RD}}$/$\overline{\text{RW}}$	89	—	VDD
15	I/O	P95	40	—	VSS	65	I	$\overline{\text{WR}}$/$\overline{\text{MEN}}$	90	—	VSS
16	—	VDD	41	I/O	P34	66	I	A0	91	I/O	P67
17	I/O	P96	42	I/O	P35	67	I	A1	92	I/O	P70
18	I/O	P97	43	I/O	P36	68	I	A2	93	I/O	P71
19	—	VSS	44	I/O	P37	69	I	A3	94	I/O	P72
20	I/O	P10	45	I/O	P40	70	I	IOS0	95	I/O	P73
21	I/O	P11	46	I/O	P41	71	I	IOS1	96	I/O	P74
22	I/O	P12	47	I/O	P42	72	I	IOS2	97	I/O	P75
23	I/O	P13	48	I/O	P43	73	I	MS	98	I/O	P76
24	I/O	P14	49	I/O	P44	74	I/O	P50	99	I/O	P77
25	I/O	P15	50	I/O	P45	75	I/O	P51	100	I/O	P80

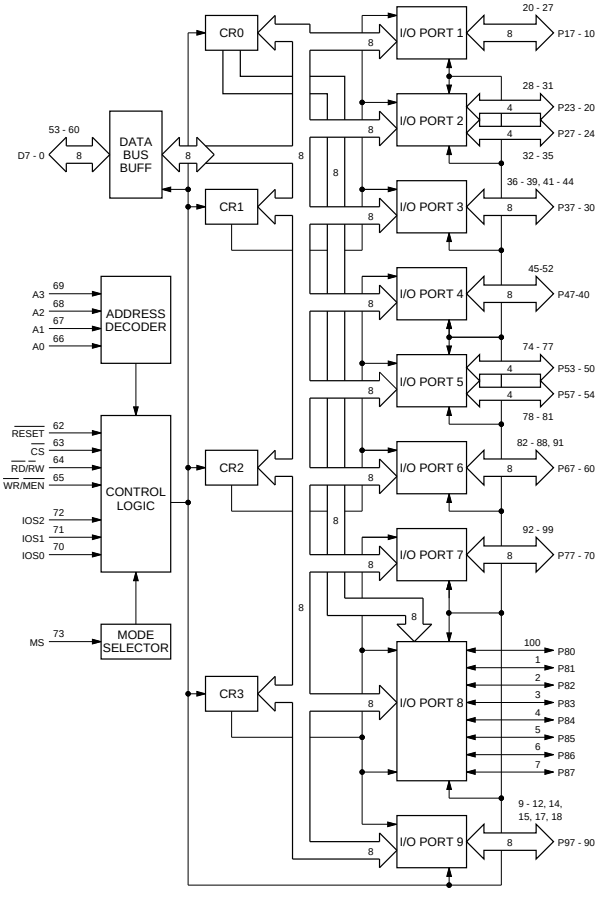


INPUT

A0 - A3	;	ADDRESS INPUT
CS	;	CHIP SELECT
IOS0 - 2	;	I/O SELECT
MS	;	MODE SELECT
$\overline{\text{RD}}$/$\overline{\text{RW}}$	;	READ/WRITE
$\overline{\text{RESET}}$	;	RESET
$\overline{\text{WR}}$/$\overline{\text{MEN}}$	;	WRITE/MOTOROLA ENABLE

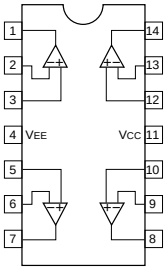
INPUT/OUTPUT

D0 - 7	;	DATA BUS
P10 - 17	;	I/O PORT 1
P20 - 27	;	I/O PORT 2
P30 - 37	;	I/O PORT 3
P40 - 47	;	I/O PORT 4
P50 - 57	;	I/O PORT 5
P60 - 67	;	I/O PORT 6
P70 - 77	;	I/O PORT 7
P80 - 87	;	I/O PORT 8
P90 - 97	;	I/O PORT 9



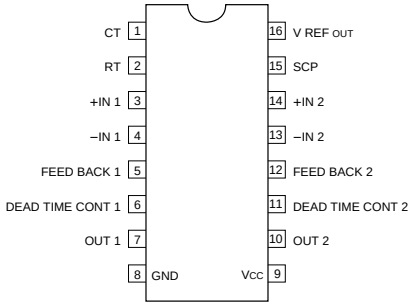
TL074CPW (TI)
TL074CPW-E05

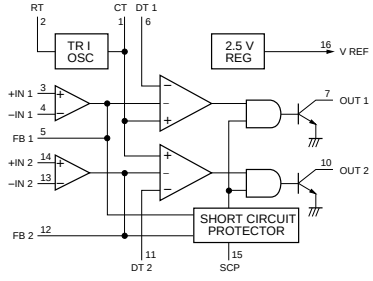
OPERATIONAL AMPLIFIER
(LOW-NOISE, JFET-INPUT)
—TOP VIEW—



TL1451ACPW-E05 (TI)

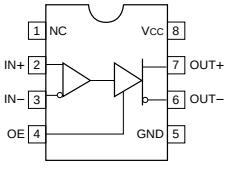
DUAL PWM POWER CONTROLLER
—TOP VIEW—





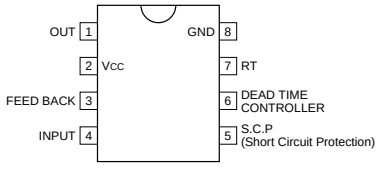
TL712CPS (TI)
TL712CPS-E05

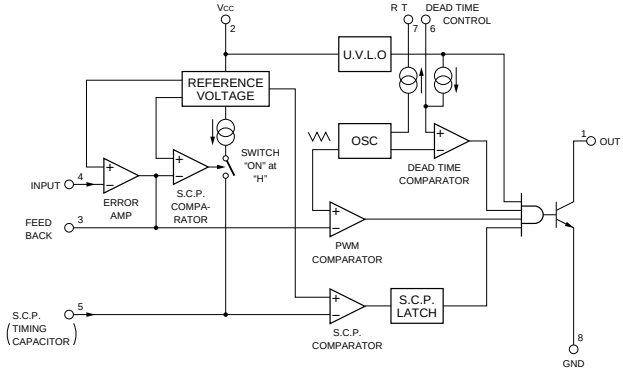
HIGH SPEED COMPARATOR (TTL OUTPUT)
—TOP VIEW—



TL5001CD (TI)
TL5001CDR

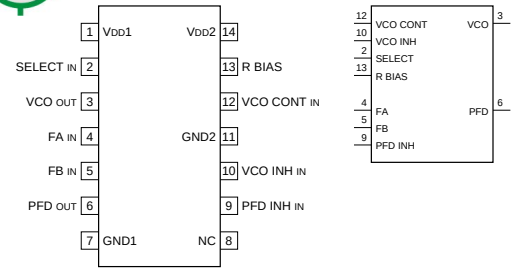
SWITCHING REGULATOR CONTROLLER
—TOP VIEW—





TLC2932IPW (TI)
TLC2932IPW-E05

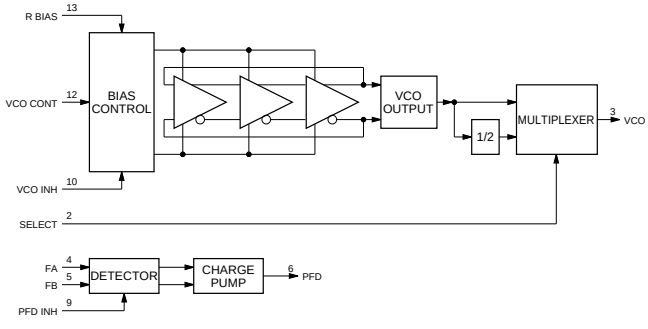
C-MOS VCO AND PHASE FREQUENCY DETECTOR
—TOP VIEW—



INPUT
FA : REFERENCE FREQUENCY
FB : INPUT FREQUENCY FROM OUTSIDE COUNTER
PFD INH : PFD INHIBIT
SELECT : VCO OUTPUT FREQUENCY SELECT
VCO CONT : VCO CONTROL VOLTAGE
VCO INH : VCO INHIBIT

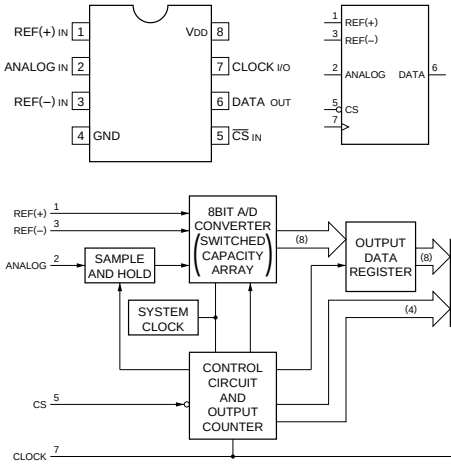
OUTPUT
PFD : PHASE FREQUENCY DETECTOR
VCO : VOLTAGE CONTROLLED OSCILLATOR

OTHER
R BIAS : BIAS RESISTOR FOR VCO OSCILLATION FREQUENCY SETTING



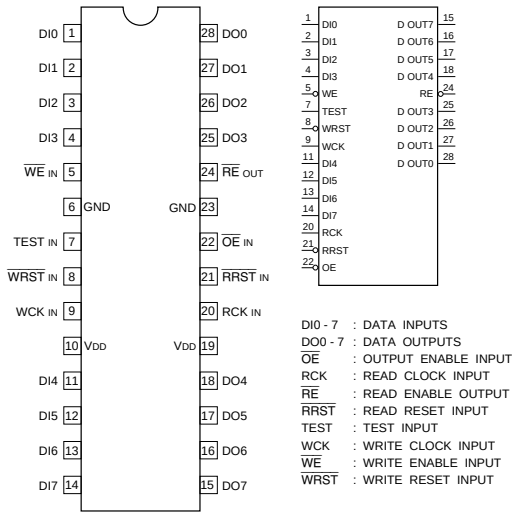
TLC549IPS (TI)
TLC549IPS-E05

C-MOS 8-BIT A/D CONVERTER
—TOP VIEW—



UPD42280GU-30 (NEC)

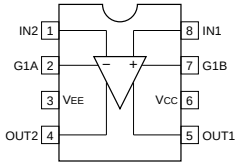
C-MOS 2 M (256 × 8)-BIT FIELD BUFFER
—TOP VIEW—

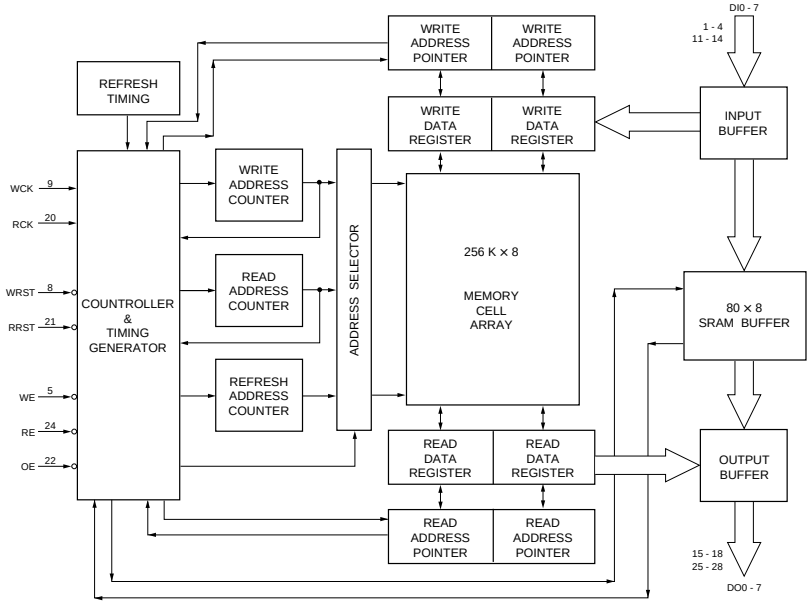


DI0 - 7 : DATA INPUTS
DO0 - 7 : DATA OUTPUTS
$\overline{OE}$: OUTPUT ENABLE INPUT
RCK : READ CLOCK INPUT
$\overline{RE}$: READ ENABLE OUTPUT
$\overline{RRST}$: READ RESET INPUT
TEST : TEST INPUT
WCK : WRITE CLOCK INPUT
$\overline{WE}$: WRITE ENABLE INPUT
$\overline{WRST}$: WRITE RESET INPUT

UPC1663G (NEC)
UPC1663G-E2

WIDEBAND VIDEO AMPLIFIER
—TOP VIEW—

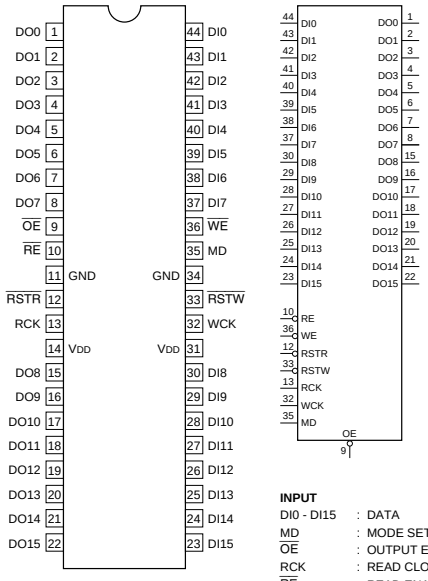




UPD485506G5-25-7JF-E2 (NEC)

C-MOS 80 K-BIT FIFO MEMORY

—TOP VIEW—

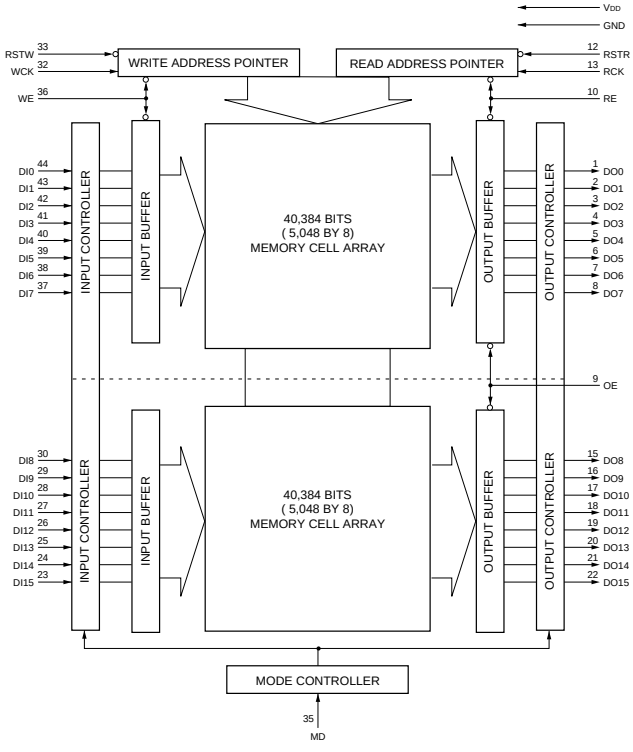


INPUT

DI0 - DI15	:	DATA
MD	:	MODE SETTING
$\overline{OE}$	:	OUTPUT ENABLE
RCK	:	READ CLOCK
$\overline{RE}$	:	READ ENABLE
$\overline{RSTR}$	:	RESET READ
$\overline{RSTW}$	:	RESET WRITE
WCK	:	WRITE CLOCK
$\overline{WE}$	:	WRITE ENABLE

OUTPUT

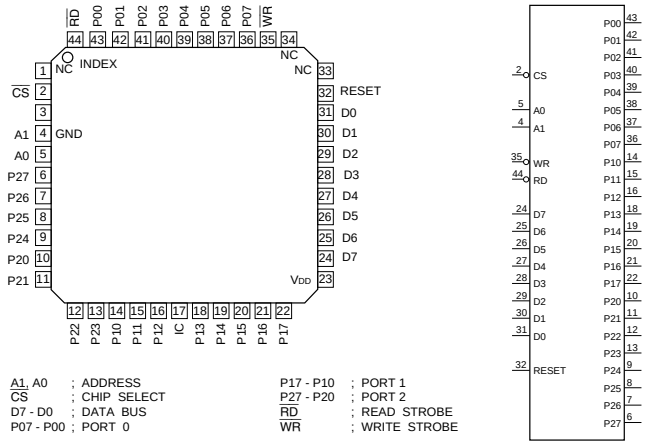
DO0 - DO15 : DATA



UPD71055GB-10-3B4 (NEC)

C-MOS PARALLEL INTERFACE UNIT

—TOP VIEW—

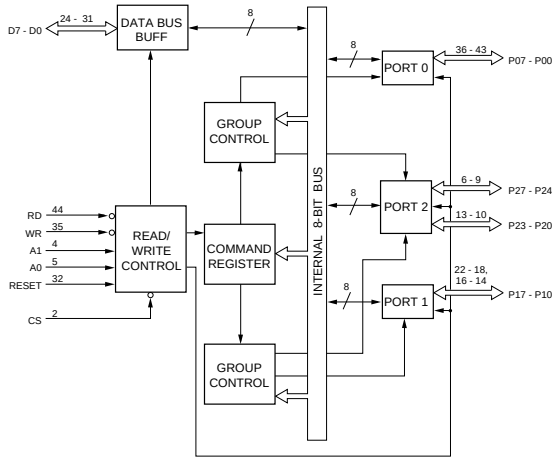


A1, A0	;	ADDRESS
$\overline{CS}$	;	CHIP SELECT
D7 - D0	;	DATA BUS
P07 - P00	;	PORT 0
P17 - P10	;	PORT 1
P27 - P20	;	PORT 2
$\overline{RD}$	;	READ STROBE
$\overline{WR}$	;	WRITE STROBE

IC ; INTERNALLY CONNECTED

CS	RD	WR	A1	A0	OPERATION	CPU ACTION
0	0	1	0	0	PORT0 → DATA • BUS	INPUT
0	0	1	0	1	PORT1 → DATA • BUS	INPUT
0	0	1	1	0	PORT2 → DATA • BUS	INPUT
0	0	1	1	1	DISABLE	
0	0	0	×	×		
0	1	0	0	0	DATA • BUS → PORT0	OUTPUT
0	1	0	0	1	DATA • BUS → PORT1	OUTPUT
0	1	0	1	0	DATA • BUS → PORT2	OUTPUT
0	1	0	1	1	DATA • BUS → COMMAND REGISTER	OUTPUT
0	1	1	×	×	HIGH IMPEDANCE	
1	×	×	×	×		

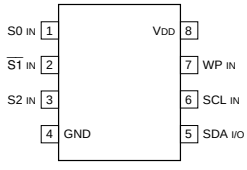
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE



X24164SIT1 (XICOR)(16K BIT)

C-MOS SERIAL EEPROM

—TOP VIEW—



INPUT

S0, $\overline{S1}$, S2	:	DEVICE SELECT
SCL	:	SERIAL CLOCK
WP	:	WRITE PROTECT

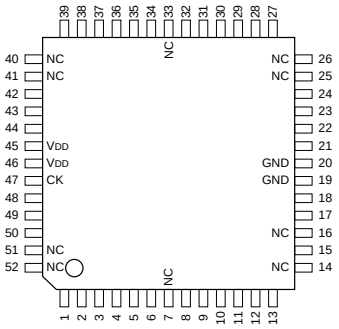
INPUT/OUTPUT

SDA : SERIAL DATA

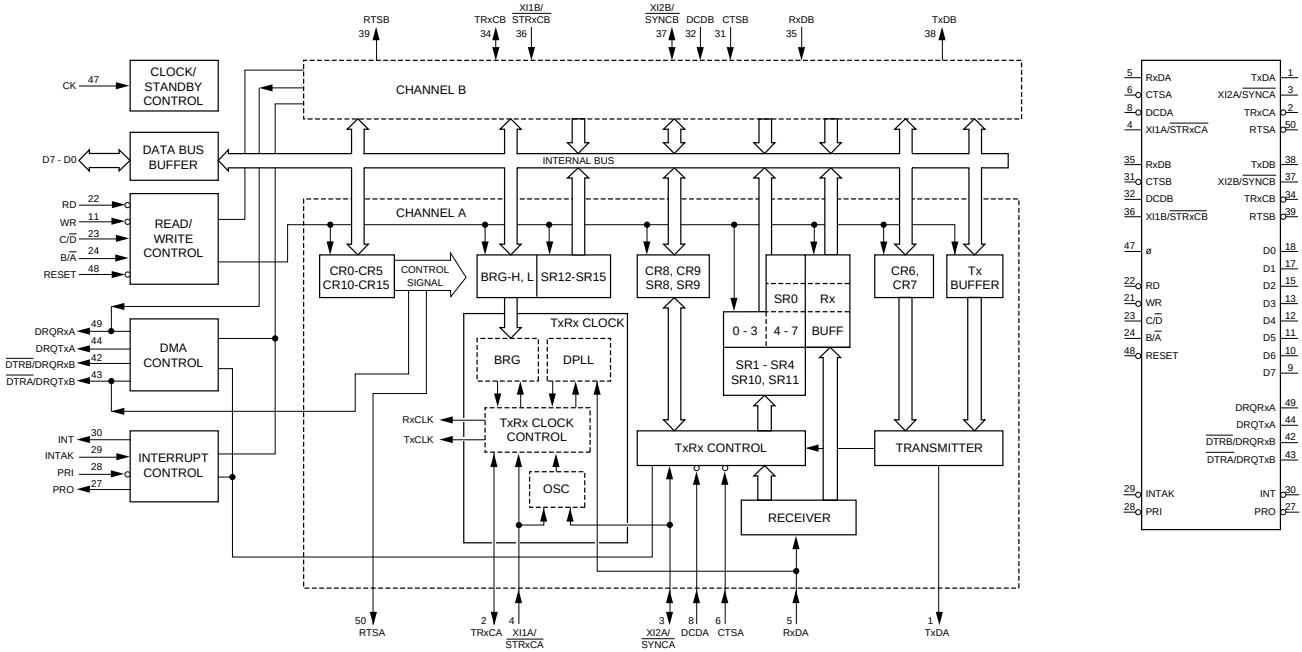
UPD72001GC-11-3B6 (NEC)

C-MOS ADVANCED MULTI-PROTOCOL SERIAL CONTROLLER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	TxDA	19	—	GND	37	I/O	X12B/SYNCB
2	I/O	TRxCA	20	—	GND	38	O	TxDB
3	I/O	XI2A/SYNCA	21	I	WR	39	O	RTSB
4	I	XI1A/STRxCA	22	I	RD	40	—	NC
5	I	RxDA	23	I	C/D	41	—	NC
6	I	CTSA	24	I	B/A	42	O	DTRB/DRQRxB
7	—	NC(OPEN)	25	—	NC	43	O	DTRA/DRQTxB
8	I	DCDA	26	—	NC	44	O	DRQTxA
9	I/O	D7	27	O	PRO	45	—	VDD
10	I/O	D6	28	I	PRI	46	—	VDD
11	I/O	D5	29	I	INTAK	47	I	CK
12	I/O	D4	30	O	INT	48	I	RESET
13	I/O	D3	31	I	CTSB	49	O	DRQRxA
14	—	NC	32	I	DCDB	50	O	RTSA
15	I/O	D2	33	—	NC(OPEN)	51	—	NC
16	—	NC	34	I/O	TRxCB	52	—	NC
17	I/O	D1	35	I	RxDB			
18	I/O	D0	36	I	XI1B/STRxCB			



INPUTS				FUNCTION	
WR	RD	B/A	C/D		
0	1	0	0	CHANNEL A	WRITE (TxD)
		1		CHANNEL B	
1	0	0	0	CHANNEL A	READ (RxD)
		1		CHANNEL B	
0	1	0	1	CHANNEL A	WRITE (CONTROL REGISTER)
		1		CHANNEL B	
1	0	0	1	CHANNEL A	READ (STATUS REGISTER)
		1		CHANNEL B	
1	1	×	×	HIGH-IMPEDANCE	
0	0	×	×	INHIBIT	

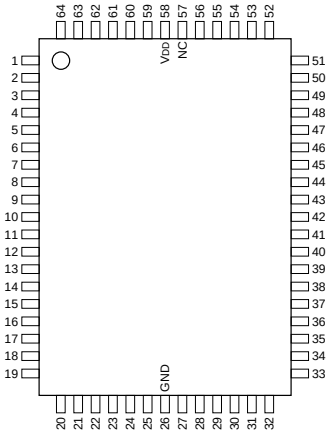
0 : LOW LEVEL
1 : HIGH LEVEL
× : DON'T CARE.

CK : SYSTEM CLOCK INPUT
WR : WRITE ENABLE INPUT
RD : READ ENABLE INPUT
B/A : CHANNEL B/A SELECT INPUT
C/d : CONTROL/DATA SELECT INPUT
D0 - D7 : DATA BUS INPUTS/OUTPUTS
INT : INTERRUPT OUTPUT
INTAK : INTERRUPT ACKNOWLEDGE INPUT
PRI : PRIORITY INPUT
DRQTxA : DMA REQUEST TxA OUTPUT
DRQRxA : DMA REQUEST RxA OUTPUT
PRO : PRIORITY OUTPUT

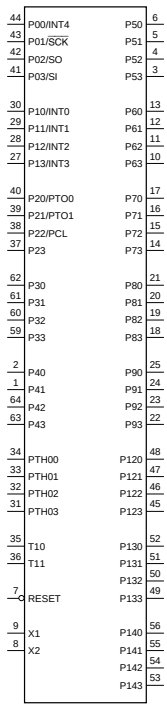
DTRA/DRQTxB : DATA TERMINAL READY A/DMA REQUEST TxB OUTPUT
DTRB/DRQRxB : DATA TERMINAL READY B/DMA REQUEST RxB OUTPUT
CTSA, CTSB : CLEAR TO SEND A/B INPUT
DCDA, DCDB : DATA CARRIER DETECT A/B INPUT
RTSA, RTSB : REQUEST TO SEND A/B OUTPUT
RESET : RESET INPUT

UPD75106GF-J20-3BE (NEC)

C-MOS 4-BIT SINGLE CHIP MICROCOMPUTER
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P41	17	I/O	P70	33	I	PTH01	49	I/O	P133
2	I/O	P40	18	I/O	P83	34	I	PTH00	50	I/O	P132
3	I/O	P53	19	I/O	P82	35	I	T10	51	I/O	P131
4	I/O	P52	20	I/O	P81	36	I	T11	52	I/O	P130
5	I/O	P51	21	I/O	P80	37	I/O	P23	53	I/O	P143
6	I/O	P50	22	I/O	P93	38	I/O	P22/PCL	54	I/O	P142
7	I	$\overline{\text{RESET}}$	23	I/O	P92	39	I/O	P21/PTO1	55	I/O	P141
8	I	X2	24	I/O	P91	40	I/O	P20/PTO0	56	I/O	P140
9	I	X1	25	I/O	P90	41	I	P03/SI	57	—	NC
10	I/O	P63	26	—	GND	42	I/O	P02/SO	58	—	VDD
11	I/O	P62	27	I	P13/INT3	43	I/O	P01/$\overline{\text{SCK}}$	59	I/O	P33
12	I/O	P61	28	I	P12/INT2	44	I	P00/INT4	60	I/O	P32
13	I/O	P60	29	I	P11/INT1	45	I/O	P123	61	I/O	P31
14	I/O	P73	30	I	P10/INT0	46	I/O	P122	62	I/O	P30
15	I/O	P72	31	I	PTH03	47	I/O	P121	63	I/O	P43
16	I/O	P71	32	I	PTH02	48	I/O	P120	64	I/O	P42



INPUT

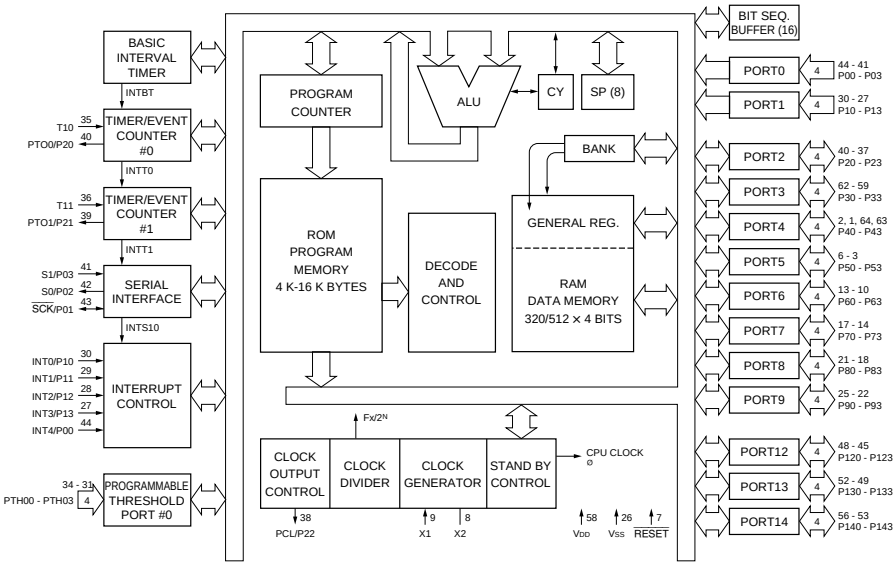
INT0 - INT4	:	INTERRUPT
P00 - P03	:	4-BIT PORT (PORT0)
P10 - P13	:	4-BIT PORT (PORT1)
PTH00 - PTH03	:	THRESHOLD 4-BIT PROGRAMABLE ANALOG PORT
RESET	:	SYSTEM RESET
SI	:	SERIAL INTERFACE DATA
TI0	:	TIMER/EVENT COUNTER CLOCK (CH-0)
TI1	:	TIMER/EVENT COUNTER CLOCK (CH-1)
X1, X2	:	CRYSTAL OSCILLATOR

OUTPUT

PCL	:	PROGRAMABLE CLOCK
PTO0	:	TIMER/EVENT COUNTER (CH-1)
PTO1	:	TIMER/EVENT COUNTER (CH-2)
SO	:	SERIAL INTERFACE DATA

INPUT/OUTPUT

P20 - P23	:	4-BIT PORT (PORT2)
P30 - P33	:	PROGRAMMABLE 4-BIT PORT (PORT3)
P40 - P43	:	4-BIT PORT (PORT4)
P50 - P53	:	4-BIT PORT (PORT5)
P60 - P63	:	PROGRAMMABLE 4-BIT PORT (PORT6)
P70 - P73	:	4-BIT PORT (PORT7)
P80 - P83	:	4-BIT PORT (PORT8)
P90 - P93	:	4-BIT PORT (PORT9)
P120 - P123	:	4-BIT PORT (PORT12)
P130 - P133	:	4-BIT PORT (PORT13)
P140 - P143	:	4-BIT PORT (PORT14)
SCK	:	SERIAL INTERFACE CLOCK



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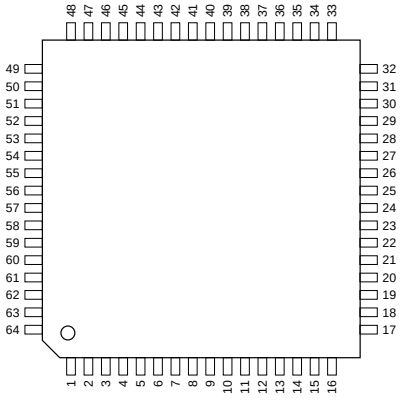
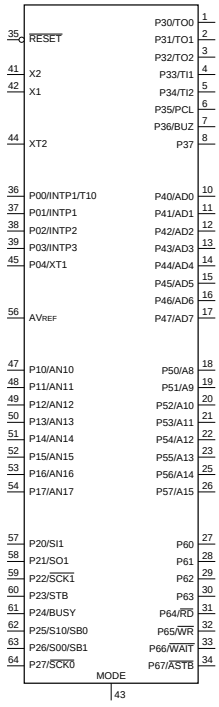
UPD78011BGC-608-AB8 (NEC)
UPD78014FGC-632-AB8 (NEC)

8-BIT SINGLE CHIP MICROCOMPUTER WITH MASK ROM
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	P30/TO0	17	I/O	P47/AD7	33	I/O	P66/$\overline{WAIT}$	49	I	P12/AN12
2	I/O	P31/TO1	18	I/O	P50/A8	34	I/O	P67/$\overline{ASTB}$	50	I	P13/AN13
3	I/O	P32/TO2	19	I/O	P51/A9	35	I	$\overline{RESET}$	51	I	P14/AN14
4	I/O	P33/TI1	20	I/O	P52/A10	36	I	P00/INTP0/T10	52	I	P15/AN15
5	I/O	P34/TI2	21	I/O	P53/A11	37	I/O	P01/INTP1	53	I	P16/AN16
6	I/O	P35/PCL	22	I/O	P54/A12	38	I/O	P02/INTP2	54	I	P17/AN17
7	I/O	P36/BUZ	23	I/O	P55/A13	39	I/O	P03/INTP3	55	—	AV_{DD}
8	I/O	P37	24	—	GND	40	—	V_{DD}	56	—	AV_{REF}
9	—	GND	25	I/O	P56/A14	41	O	X2	57	I/O	P20/SI1
10	I/O	P40/AD0	26	I/O	P57/A15	42	I	X1	58	I/O	P21/SO1
11	I/O	P41/AD1	27	I/O	P60	43	—	IC	59	I/O	P22/$\overline{SCK1}$
12	I/O	P42/AD2	28	I/O	P61	44	—	XT2	60	I/O	P23/STB
13	I/O	P43/AD3	29	I/O	P62	45	I	P04/XT1	61	I/O	P24/BUSY
14	I/O	P44/AD4	30	I/O	P63	46	—	A GND	62	I/O	P25/S10/SB0
15	I/O	P45/AD5	31	I/O	P64/$\overline{RD}$	47	I	P10/AN10	63	I/O	P26/S00/SB1
16	I/O	P46/AD6	32	I/O	P65/$\overline{WR}$	48	I	P11/AN11	64	I/O	P27/$\overline{SCK0}$



INPUTS

ANI0 - ANI7	:	ANALOG 0 - 7
AVREF	:	ANALOG REFERENCE VOLTAGE
BUSY	:	BUSY
INTP0 - INTP3	:	INTERRUPT FROM PERIPHERALS 0 - 3
MODE	:	ROM-LESS MODE
P00, P04	:	PORT 0
P10 - P17	:	PORT 1
$\overline{RESET}$	:	RESET
SI0, SI1	:	SERIAL 0, 1
TI0 - TI2	:	TIMER 0 - 2
$\overline{WAIT}$	:	WAIT
X1, X2	:	CRYSTAL 1, 2 (MAIN SYSTEM CLOCK)
XT1, XT2	:	CRYSTAL 1, 2 (SUB SYSTEM CLOCK)

OUTPUTS

A8 - A15	:	ADDRESS BUS 8 - 15
$\overline{ASTB}$	:	ADDRESS STROBE
BUZ	:	BUZZER CLOCK
PCL	:	PROGRAMMABLE CLOCK
$\overline{RD}$	:	READ STROBE
SO0, SO1	:	SERIAL 0, 1
STB	:	STROBE
TO0 - TO2	:	TIMER 0 - 2
$\overline{WR}$	:	WRITE STROBE

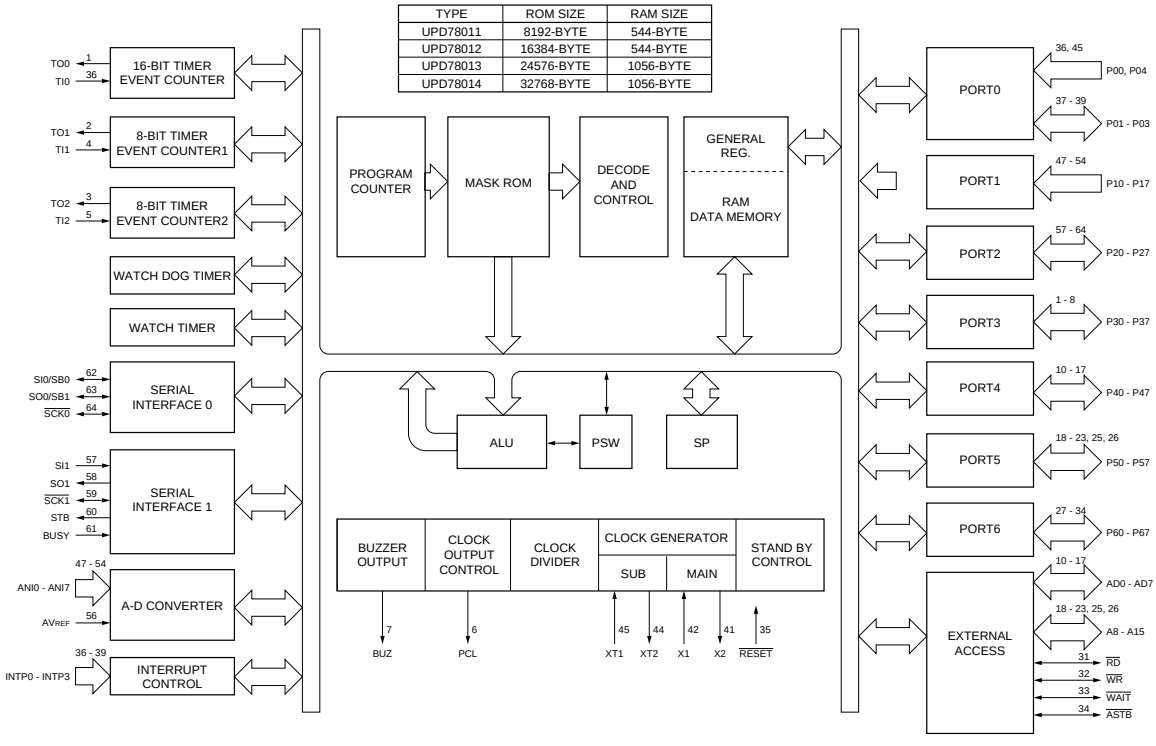
INPUTS/OUTPUTS

AD0 - AD7	:	ADDRESS / DATA BUS 0 - 7
P01 - P03	:	PORT 0
P20 - P27	:	PORT 2
P30 - P37	:	PORT 3
P40 - P47	:	PORT 4
P50 - P57	:	PORT 5
P60 - P67	:	PORT 6
SB0, SB1	:	SERIAL BUS 0, 1
$\overline{SCK0}$, $\overline{SCK1}$	:	SERIAL CLOCK 0, 1

OTHER

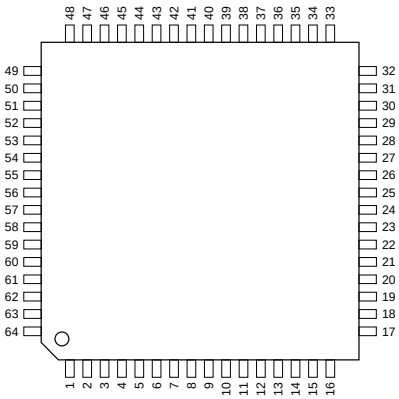
IC	:	INTERNAL CONNECTION

TYPE	ROM SIZE	RAM SIZE
UPD78011	8192-BYTE	544-BYTE
UPD78012	16384-BYTE	544-BYTE
UPD78013	24576-BYTE	1056-BYTE
UPD78014	32768-BYTE	1056-BYTE

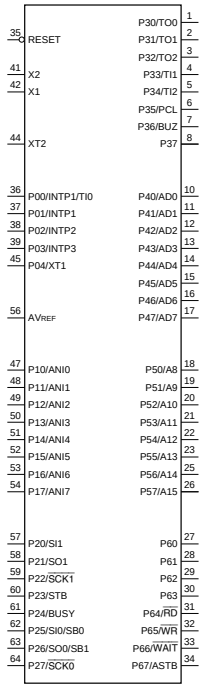


UPD78P014GC-AB8 (NEC)

8-BIT SINGLE CHIP MICROCOMPUTER WITH ONE TIME PROM
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	P30/TO0	17	I/O	P47/AD7	33	I/O	P66/$\overline{WAIT}$	49	I	P12/ANI2
2	I/O	P31/TO1	18	I/O	P50/A8	34	I/O	P67/ASTB	50	I	P13/ANI3
3	I/O	P32/TO2	19	I/O	P51/A9	35	I	$\overline{RESET}$	51	I	P14/ANI4
4	I/O	P33/TI1	20	I/O	P52/A10	36	I	P00/INTP0/TI0	52	I	P15/ANI5
5	I/O	P34/TI2	21	I/O	P53/A11	37	I/O	P01/INTP1	53	I	P16/ANI6
6	I/O	P35/PCL	22	I/O	P54/A12	38	I/O	P02/INTP2	54	I	P17/ANI7
7	I/O	P36/BUZ	23	I/O	P55/A13	39	I/O	P03/INTP3	55	—	AVDD
8	I/O	P37	24	I/O	GND	40	—	VDD	56	—	AVREF
9	—	GND	25	I/O	P56/A14	41	O	X2	57	I/O	P20/SI1
10	I/O	P40/AD0	26	I/O	P57/A15	42	I	X1	58	I/O	P21/SO1
11	I/O	P41/AD1	27	I/O	P60	43	—	VPP	59	I/O	P22/SCK1
12	I/O	P42/AD2	28	I/O	P61	44	—	XT2	60	I/O	P23/STB
13	I/O	P43/AD3	29	I/O	P62	45	I	P04/XT1	61	I/O	P24/BUSY
14	I/O	P44/AD4	30	I/O	P63	46	—	AGND	62	I/O	P25/SI0/SB0
15	I/O	P45/AD5	31	I/O	P64/$\overline{RD}$	47	I	P10/ANI0	63	I/O	P26/SO0/SB1
16	I/O	P46/AD6	32	I/O	P65/$\overline{WR}$	48	I	P11/ANI1	64	I/O	P27/SCK0



INPUTS

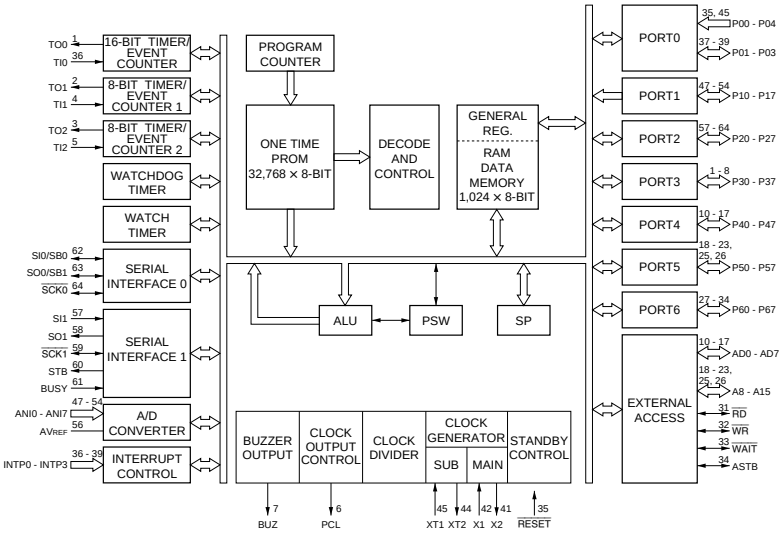
ANI0 - ANI7	: ANALOG
AVREF	: ANALOG REFERENCE VOLTAGE
BUSY	: BUSY
INTP0 - INTP3	: INTERRUPT FROM PERIPHERALS
P00, P04	: PORT0
P10 - P17	: PORT1
$\overline{RESET}$	: RESET
SI0, SI1	: SERIAL
TI0 - TI2	: TIMER
WAIT	: WAIT
X1, X2	: CRYSTAL (MAIN SYSTEM CLOCK)
XT1, XT2	: CRYSTAL (SUB SYSTEM CLOCK)

OUTPUTS

A8 - A15	: ADDRESS BUS
ASTB	: ADDRESS STROBE
BUZ	: BUZZER CLOCK
PCL	: PROGRAMMABLE CLOCK
RD	: READ STROBE
SO0, SO1	: SERIAL
STB	: STROBE
TO0 - TO2	: TIMER
WR	: WRITE STROBE

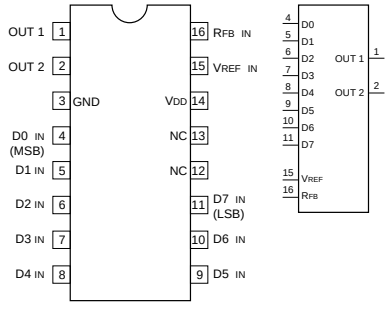
INPUTS/OUTPUTS

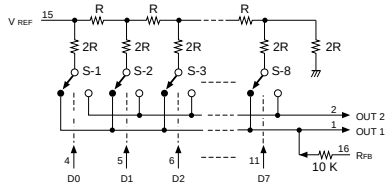
AD0 - AD7	: ADDRESS/DATA BUS
P01 - P03	: PORT0
P20 - P27	: PORT2
P30 - P37	: PORT3
P40 - P47	: PORT4
P50 - P57	: PORT5
P60 - P67	: PORT6
SB0, SB1	: SERIAL BUS
SCK0, SCK1	: SERIAL CLOCK



XRD7523AID-JTR (EXAR)

C-MOS 8-BIT D/A CONVERTER
—TOP VIEW—





MP7523 : R = 10 K
XRD7523 : R = 20 K

Section 3
Block Diagrams

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Others	CN-1662	Interconnection board (interconnecting between FL-251 and RE-174/CN-1779 boards)	—
	CN-1779	Interconnection board (mainly interconnecting between upper frame and MB-838 board)	—
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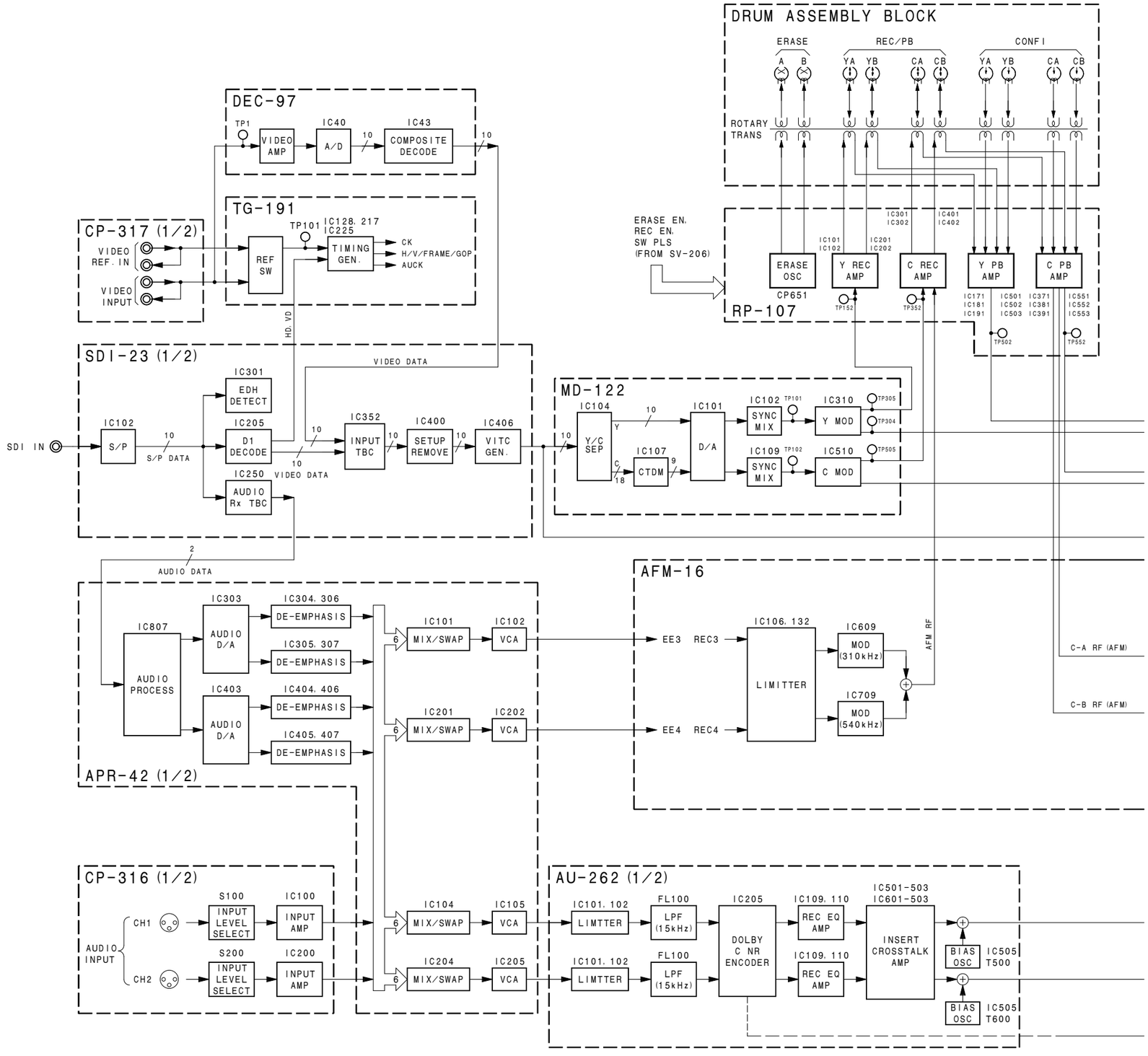
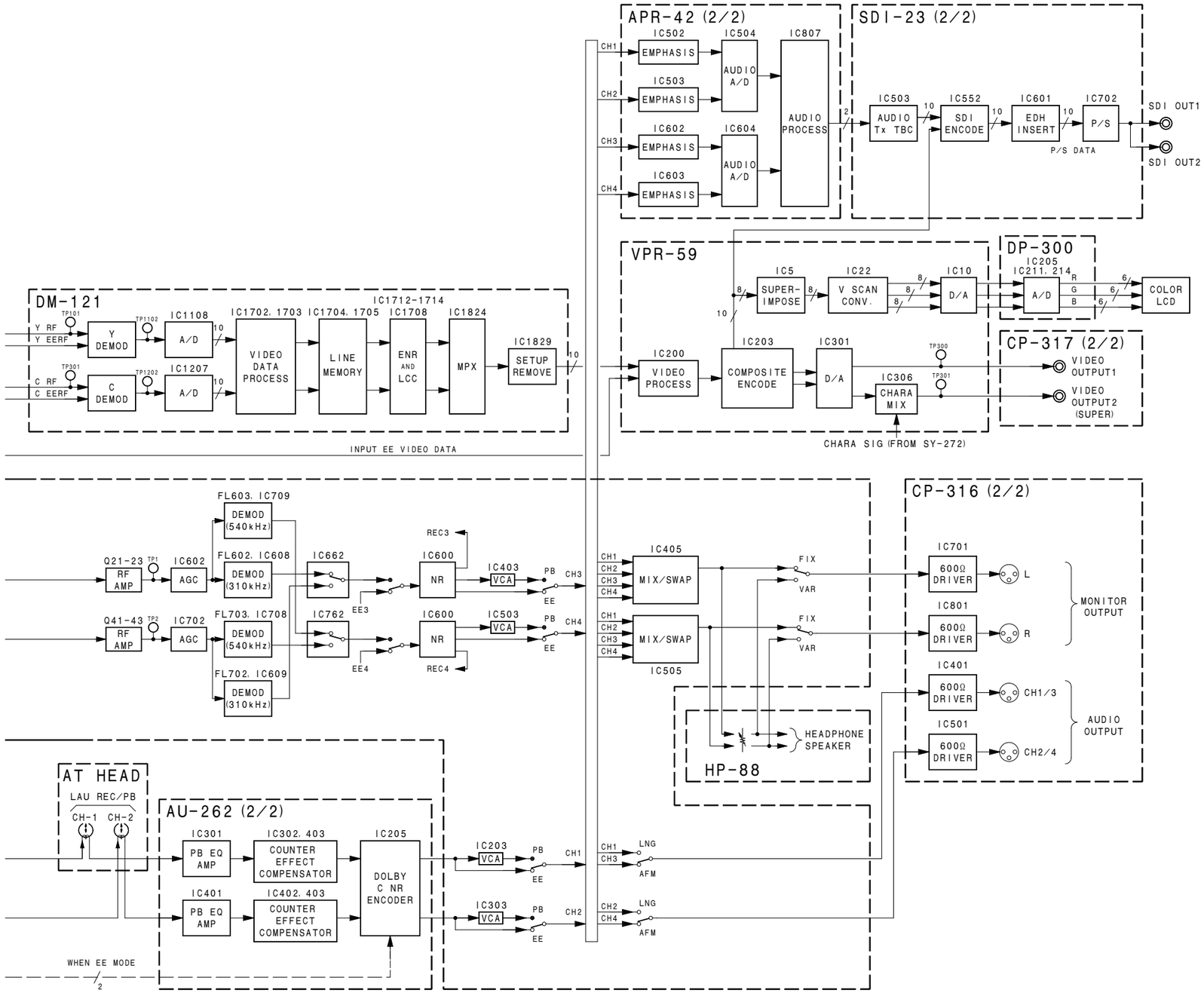
*TBC: Time Base Corrector

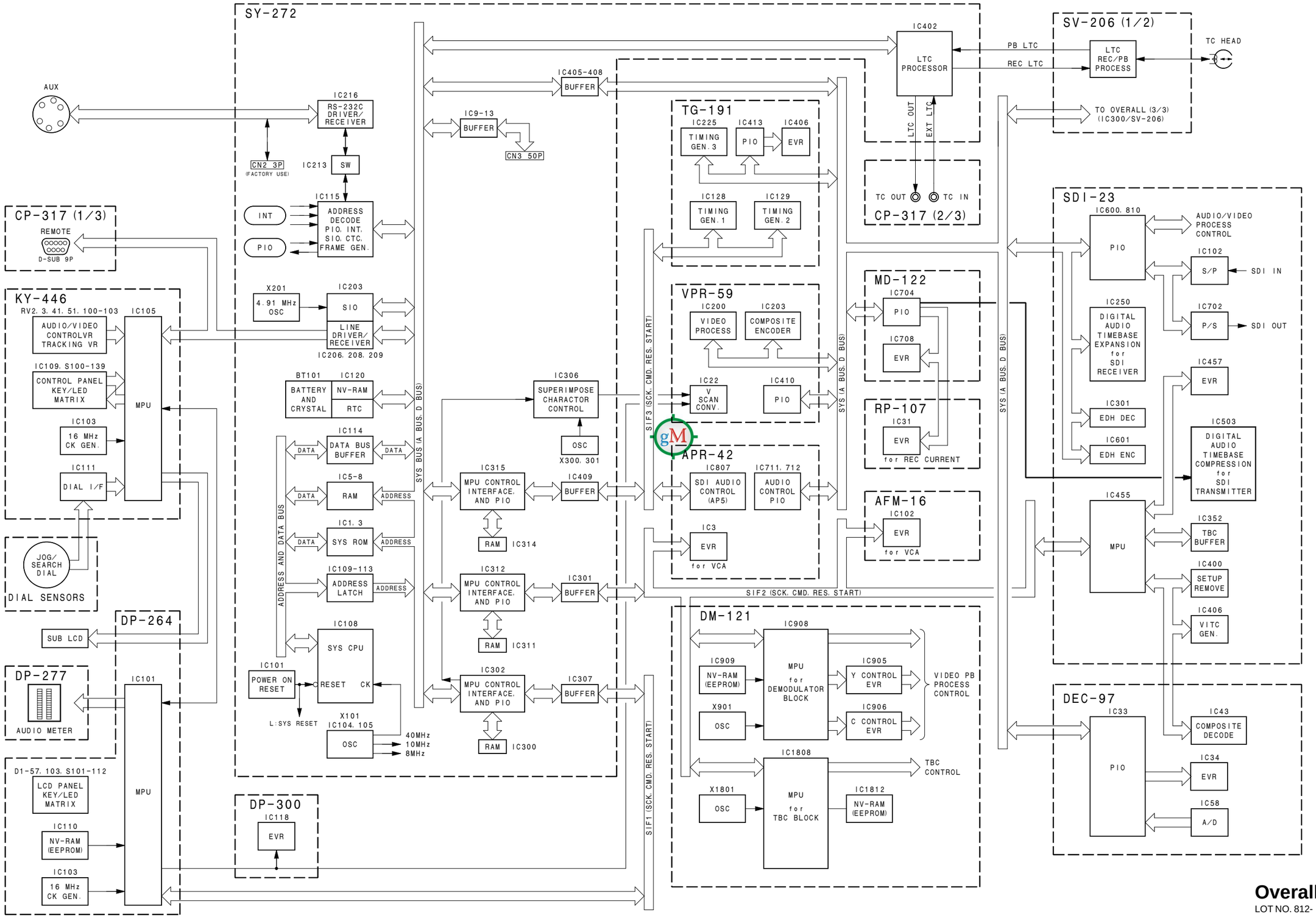
Overall (1/3) Block diagram



3-2

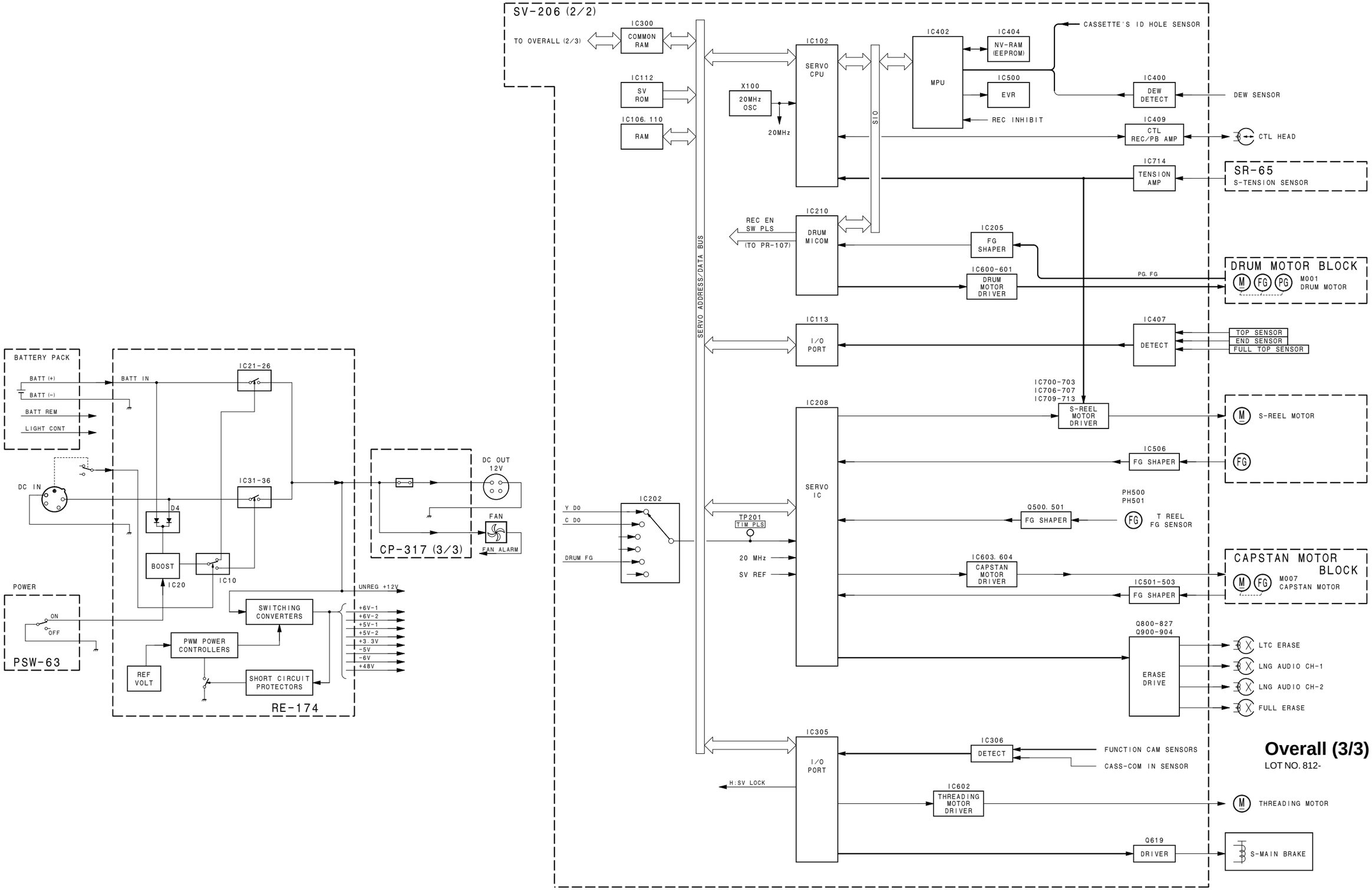


Overall (1/3)
LOT NO. 812-



Overall (2/3)
LOT NO. 812-

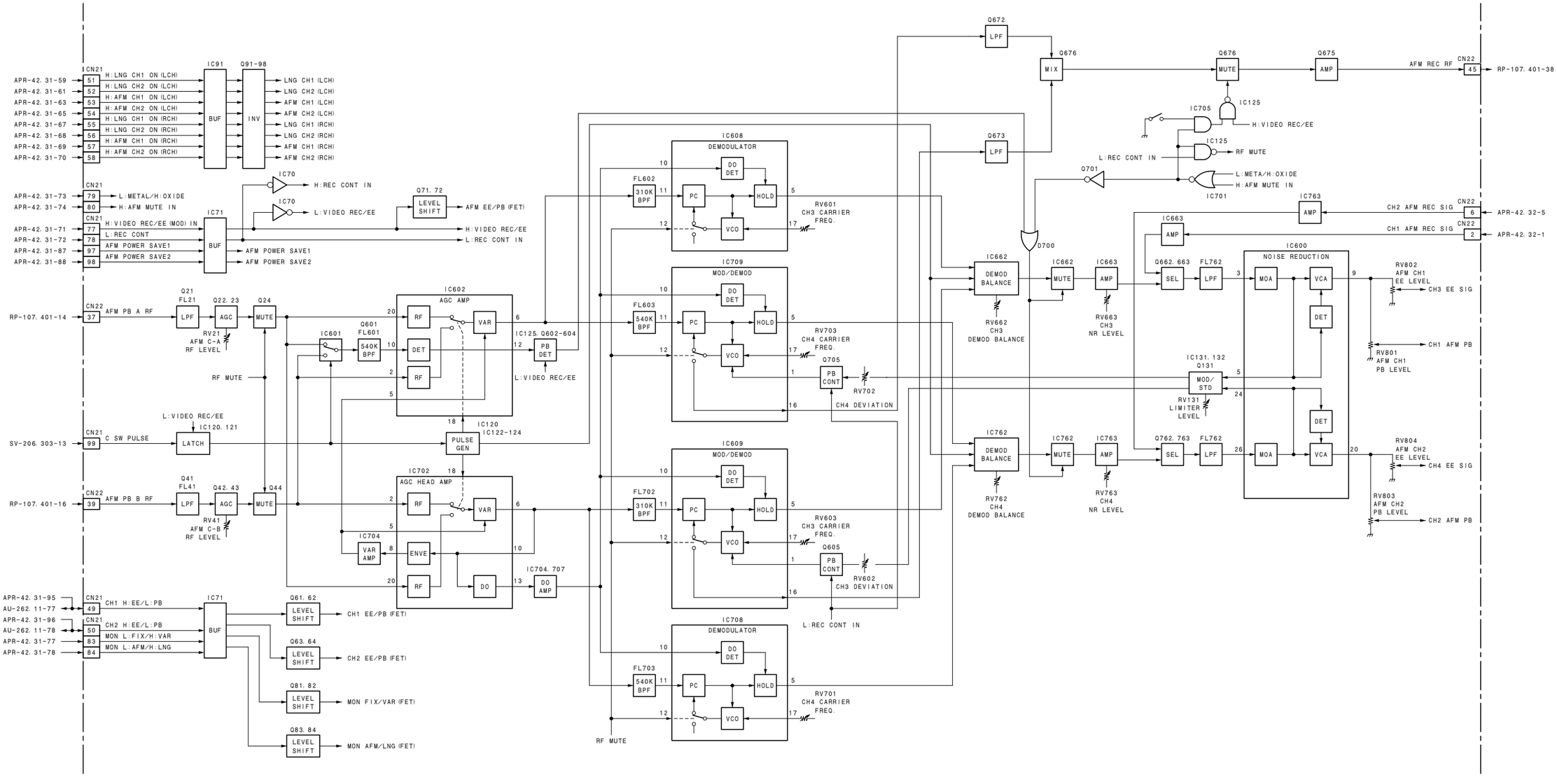
Overall (3/3) Block diagram



Overall (3/3)
LOT NO. 812-

3-5

AFM-16 (1/2) Block diagram

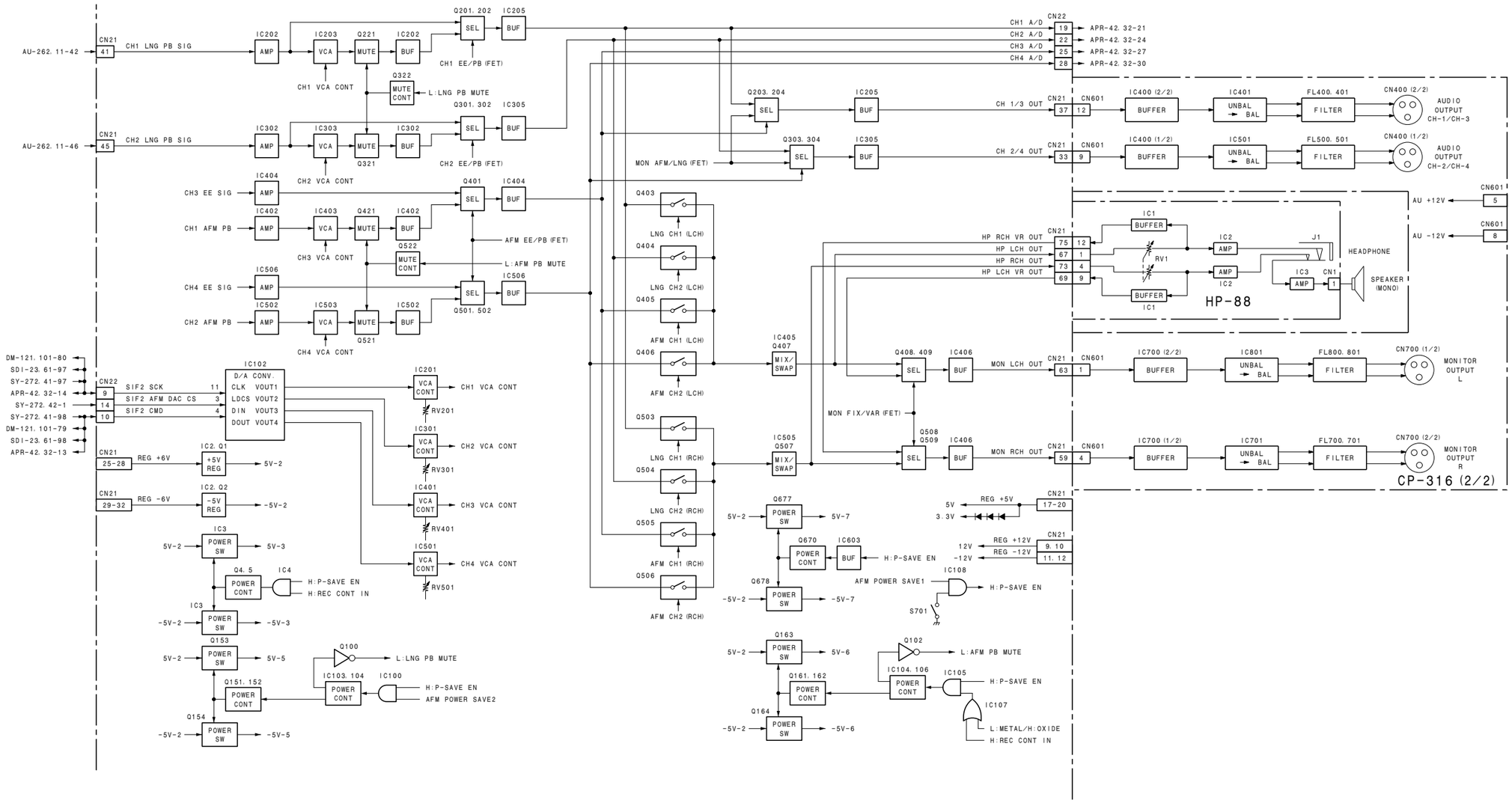


AFM REC/PB, PB AUDIO LEVEL CONTROL

AFM-16 (1/2)

LOT NO. 812-

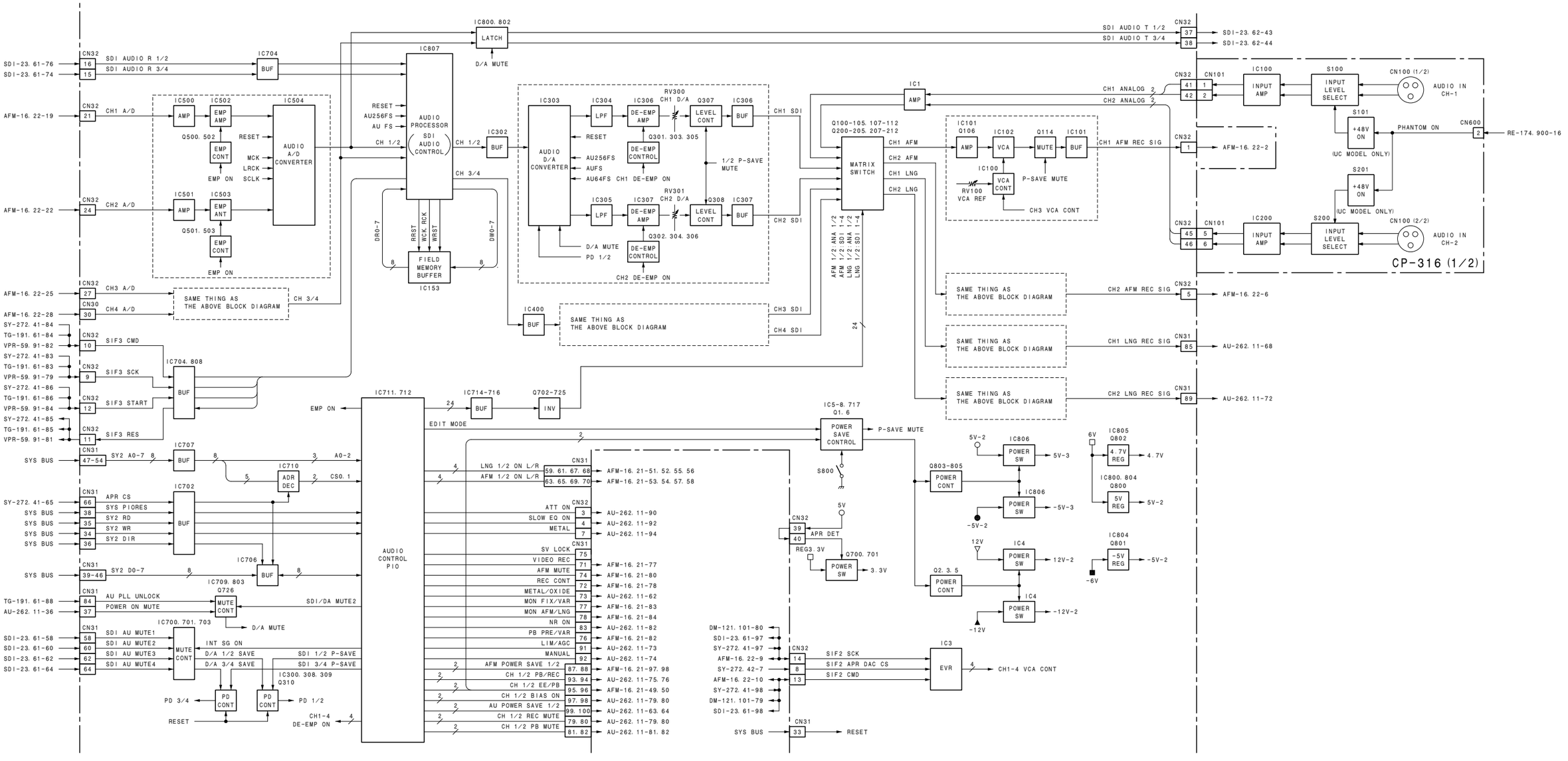
AFM-16 (2/2) Block diagram



AFM REC/PB, PB AUDIO LEVEL CONTROL

AFM-16 (2/2)

LOT NO. 812-



AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42

LOT NO. 812-

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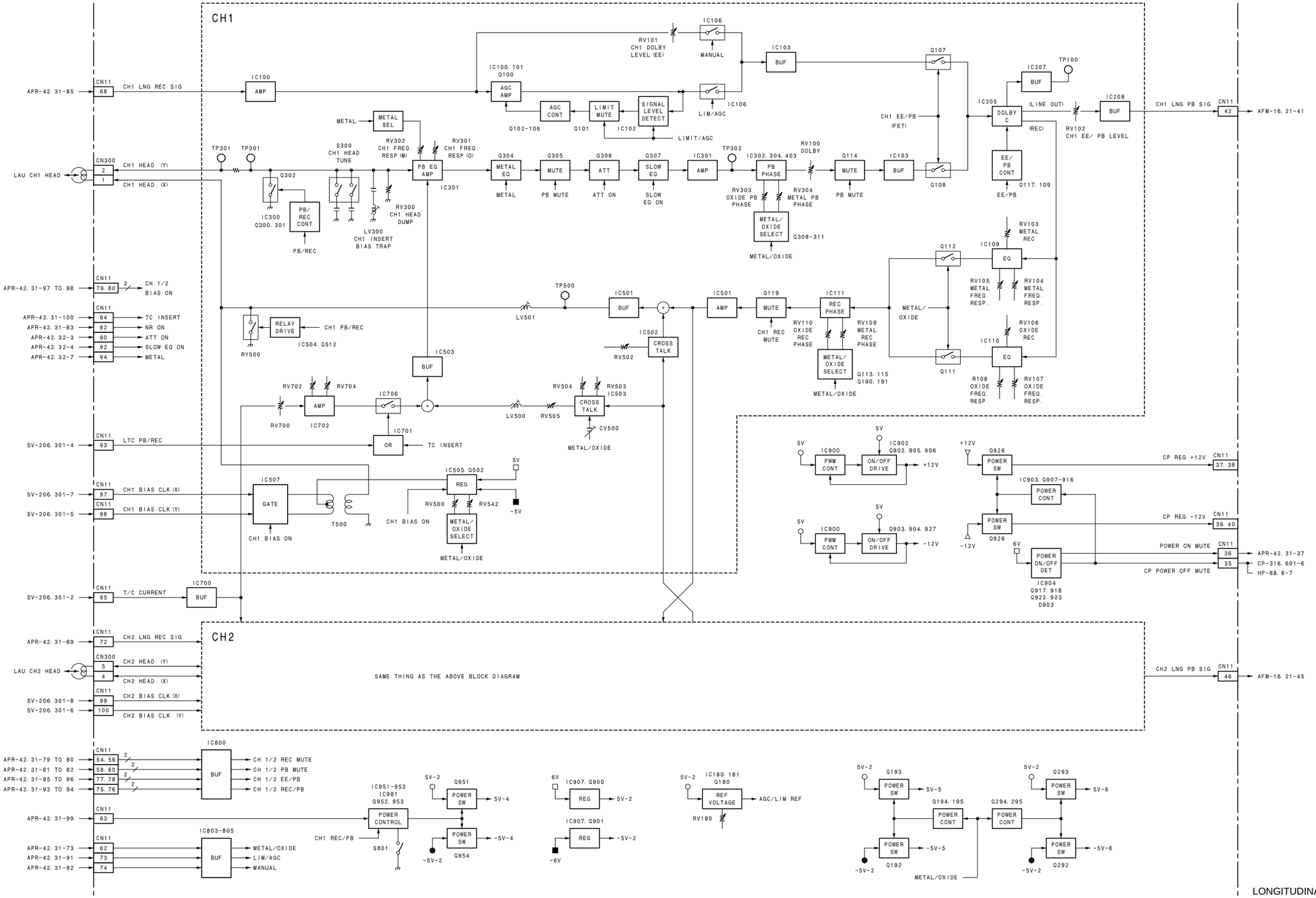
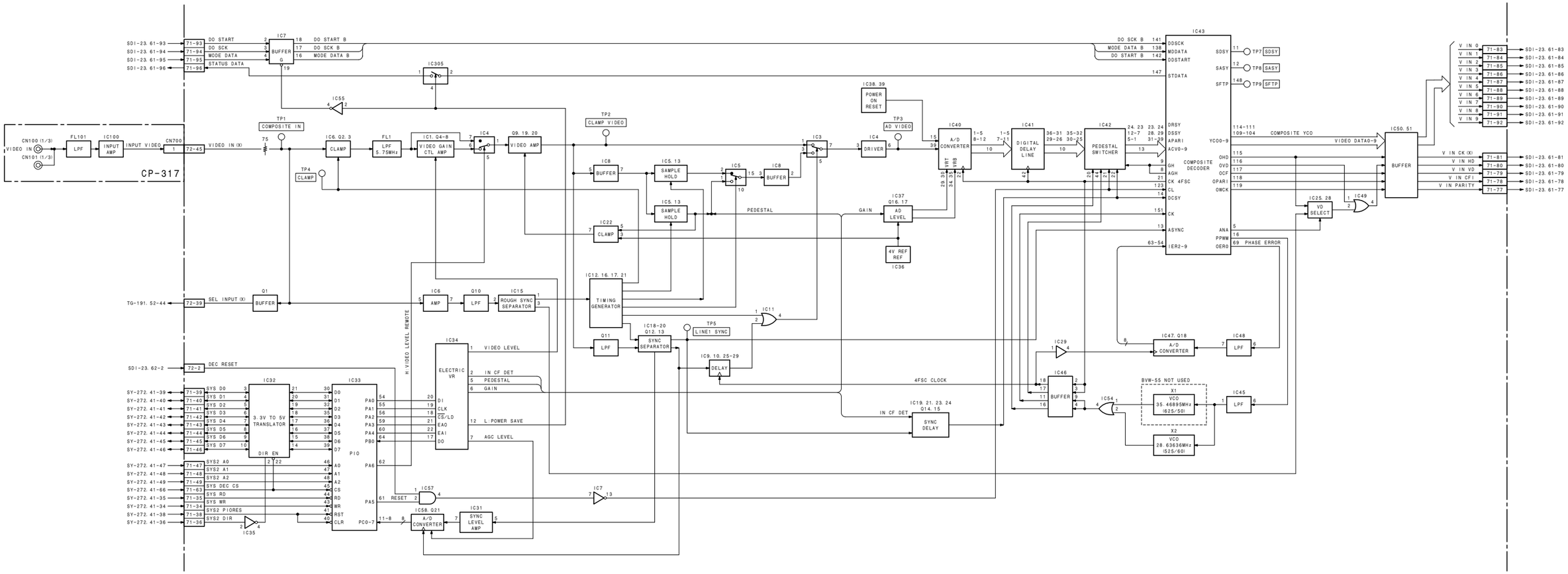


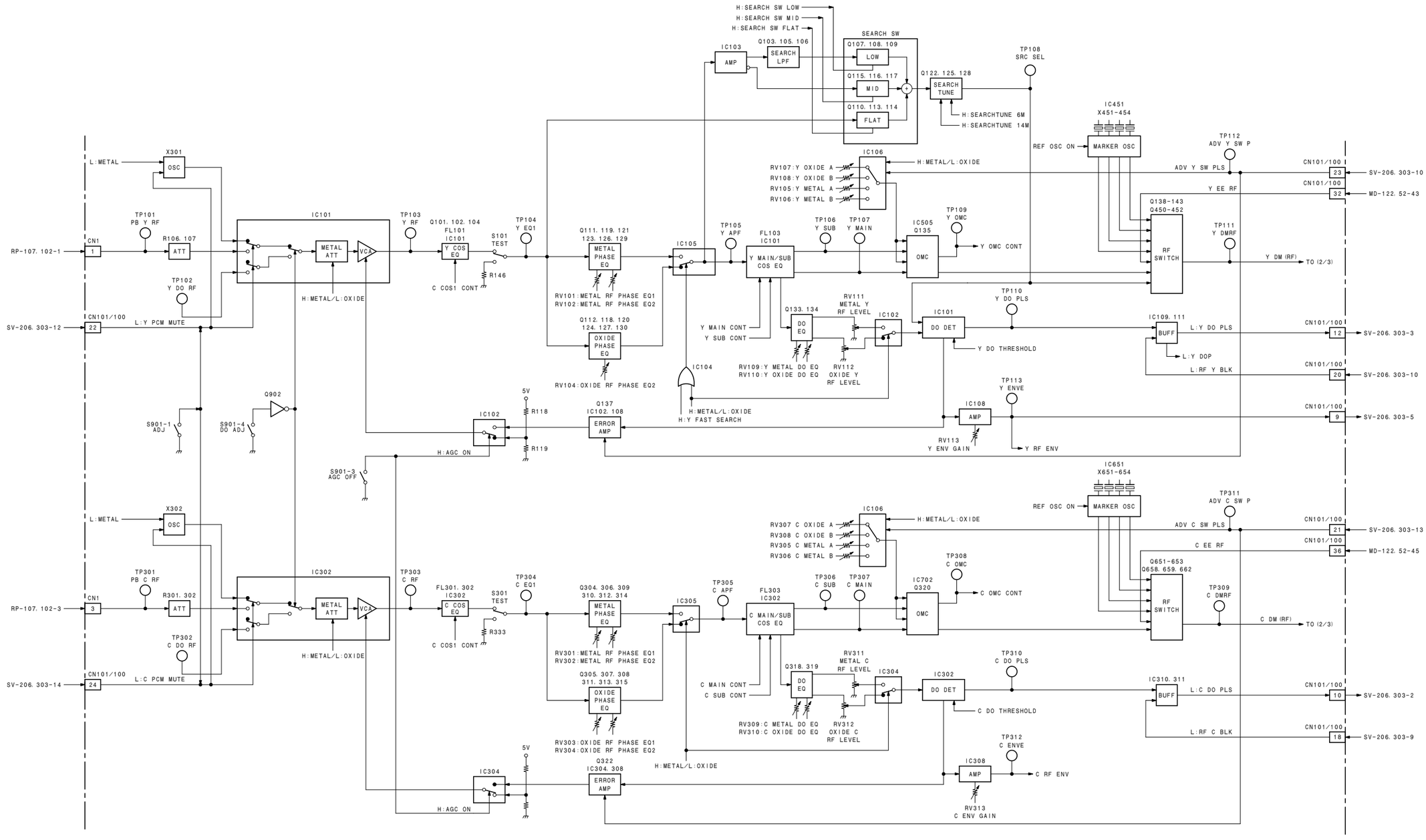
LONGITUDINAL AUDIO REC/PB

AU-262

LOT NO. 812-

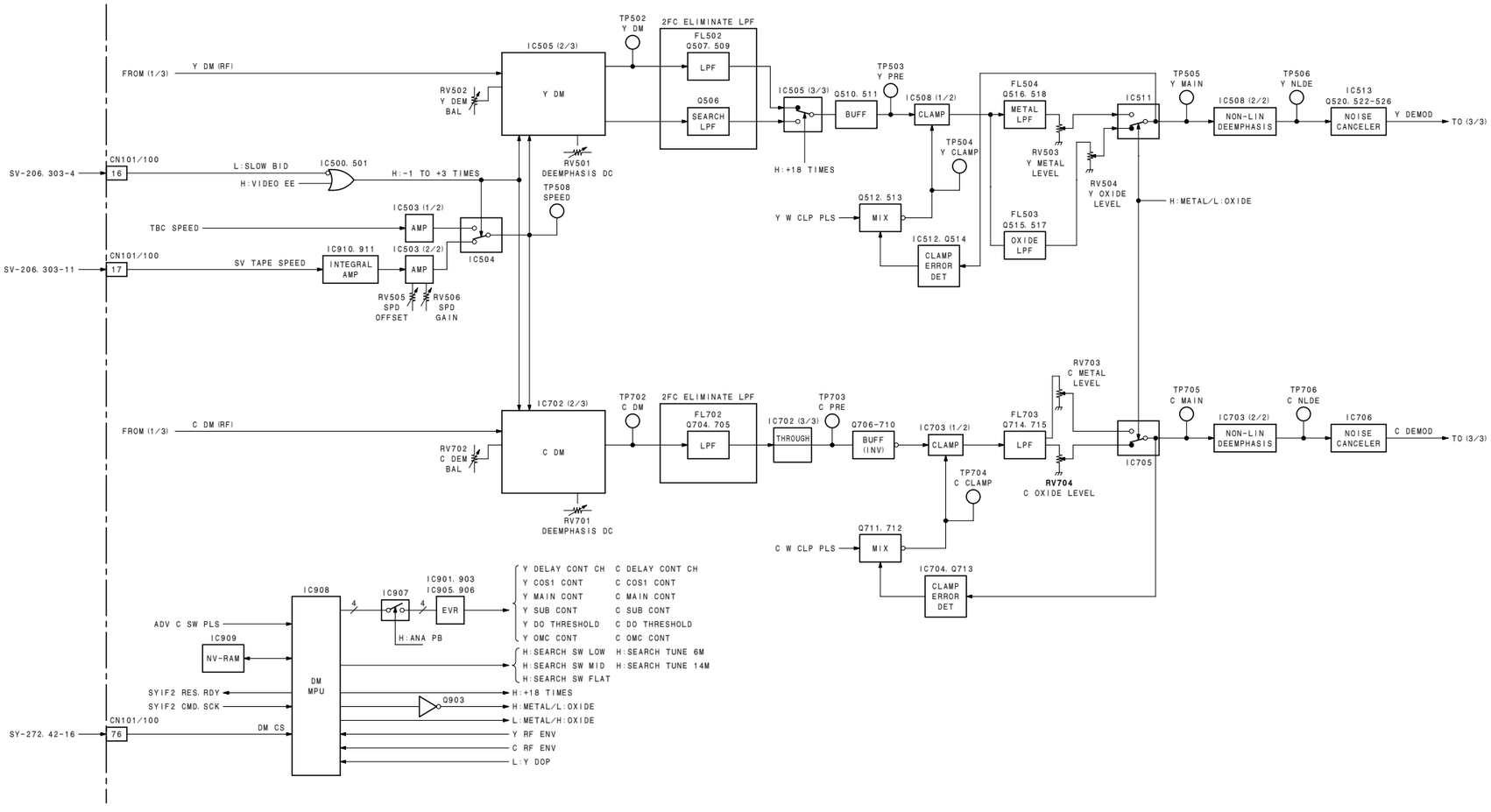


ANALOG COMPOSITE DECODER
DEC-97
LOT NO. 812-

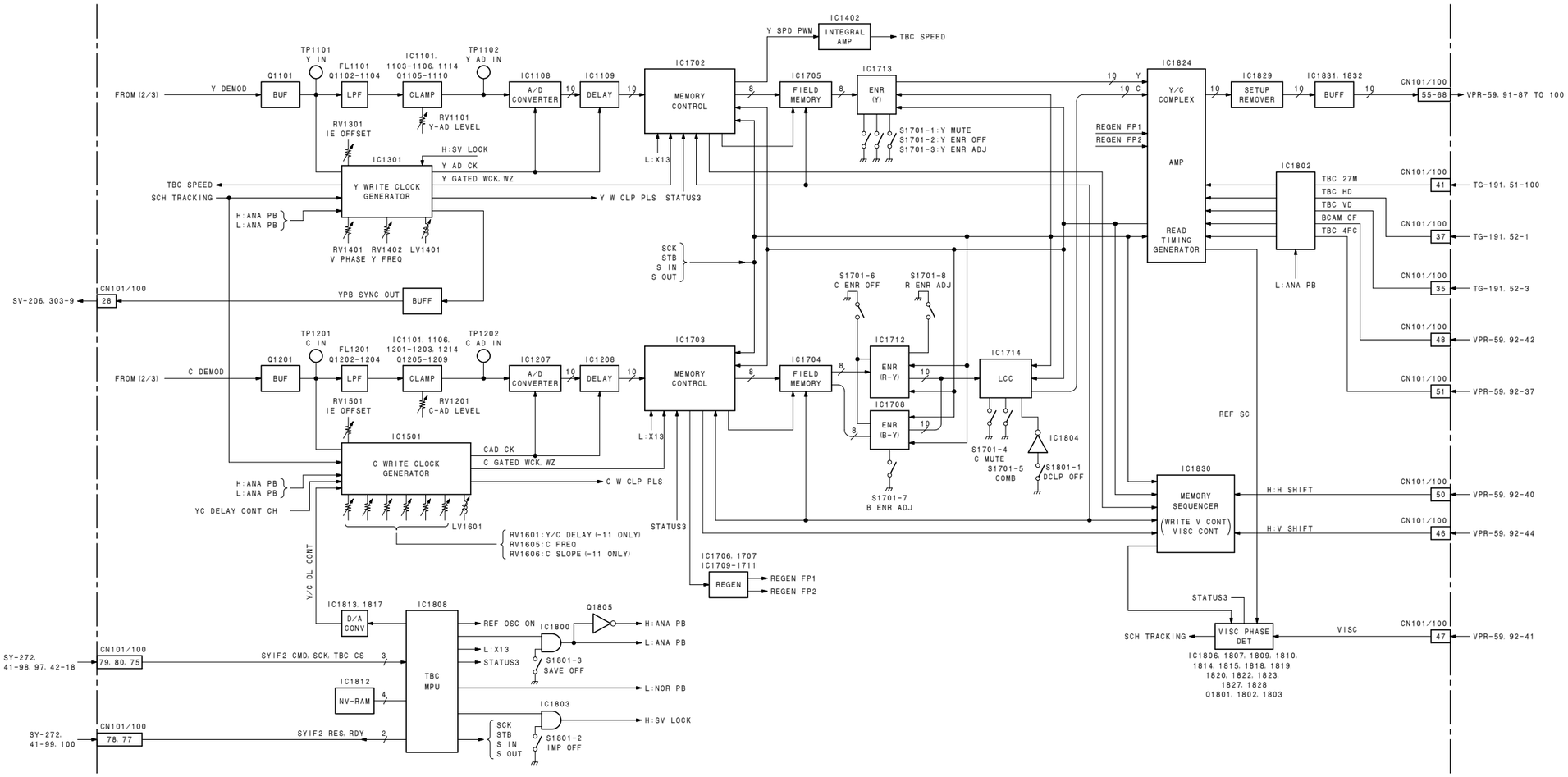


RF DEMODULATOR, TBC
DM-121 (1/3)
LOT NO. 812-

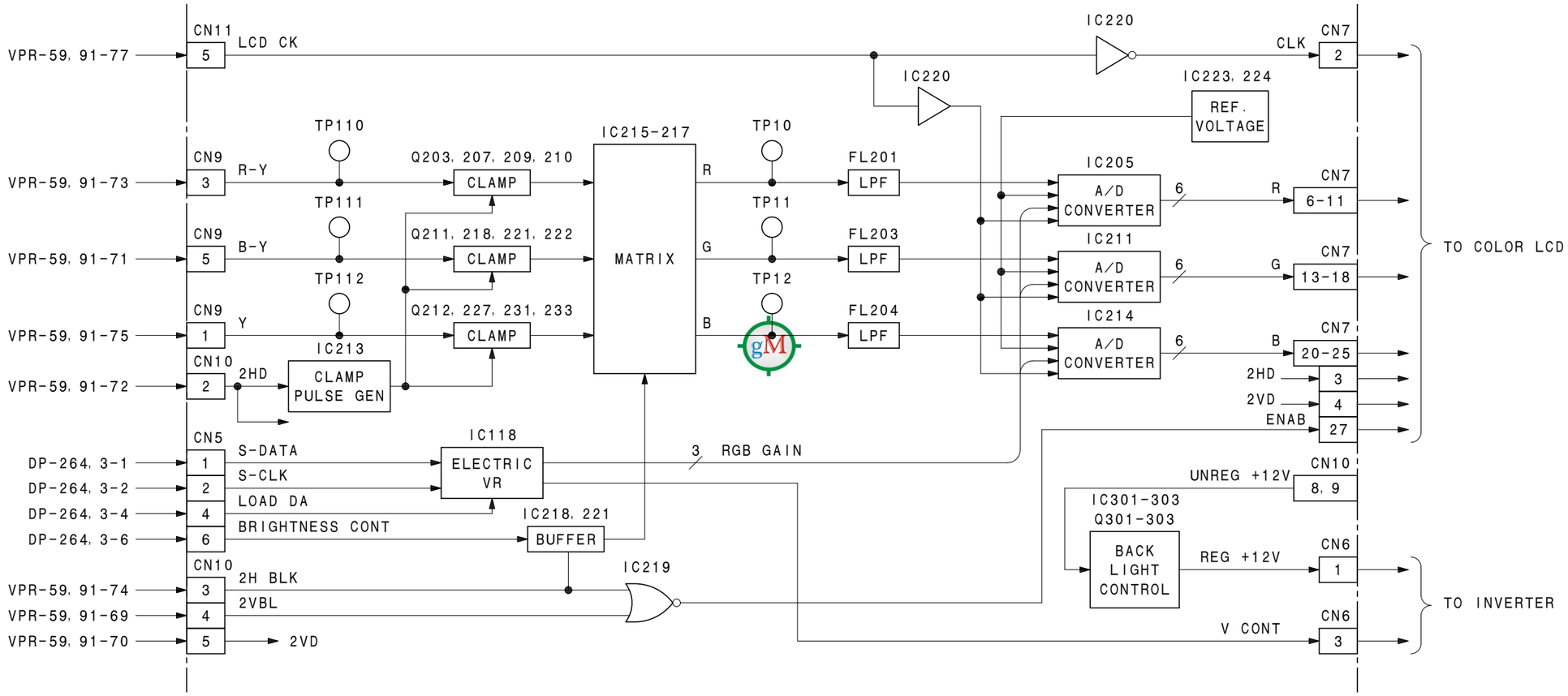
DM-121 (2/3) Block diagram



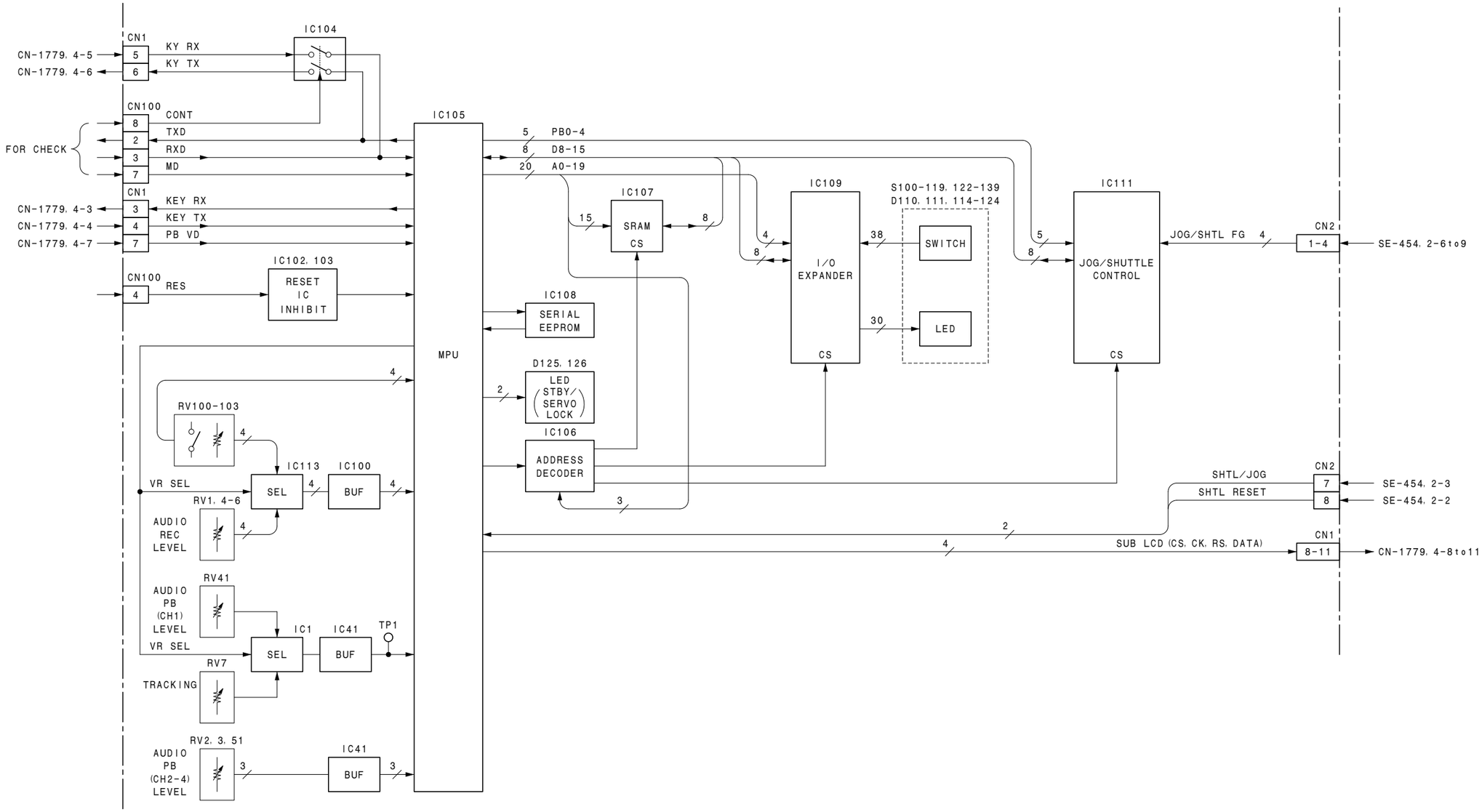
RF DEMODULATOR, TBC
DM-121 (2/3)
LOT NO. 812-



RF DEMODULATOR, TBC
DM-121 (3/3)
LOT NO. 812-



DISPLAY PANEL CONTROL FOR COLOR LCD
DP-300
LOT NO. 812-


CN1
5
6
KY RX
KY TX
CN-1779, 4-5
CN-1779, 4-6
IC104
CN100
8
2
3
7
CONT
TXD
RXD
MD
FOR CHECK
IC105
CN1
3
4
7
KEY RX
KEY TX
PB VD
CN-1779, 4-3
CN-1779, 4-4
CN-1779, 4-7
IC102, 103
CN100
4
RES
RESET IC INHIBIT
IC108
SERIAL EEPROM
MPU
D125, 126
LED (STBY/SERVO LOCK)
IC106
ADDRESS DECODER
IC107
SRAM
CS
15
8
5
8
20
PB0-4
D8-15
A0-19
IC109
I/O EXPANDER
CS
4
8
38
30
S100-119, 122-139
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LED
IC111
JOG/SHUTTLE CONTROL
CS
5
8
JOG/SHTL FG
4
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1-4
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4
4
IC113
SEL
IC100
BUF
4
4
VR SEL
RV1, 4-6
4
AUDIO REC LEVEL
RV41
AUDIO PB (CH1) LEVEL
IC1
SEL
IC41
BUF
TP1
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RV7
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3
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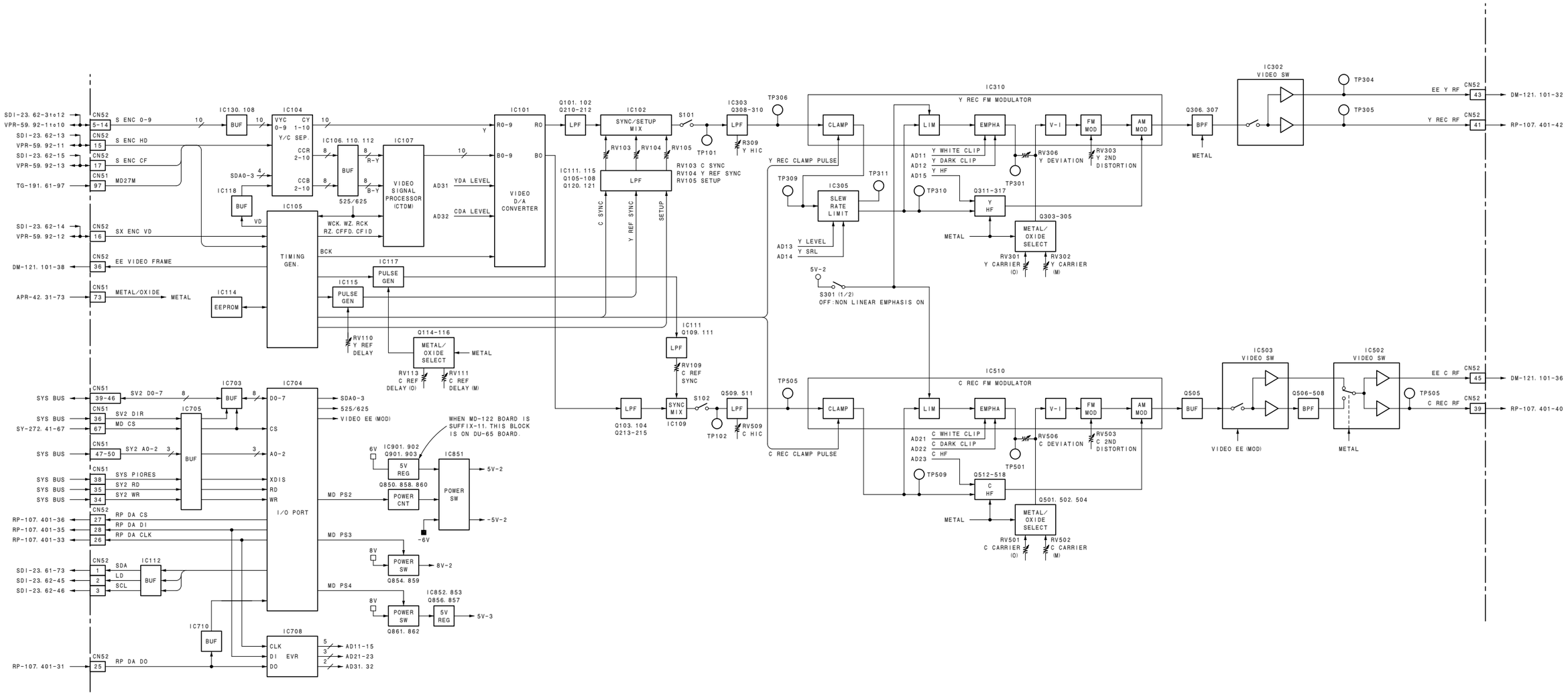
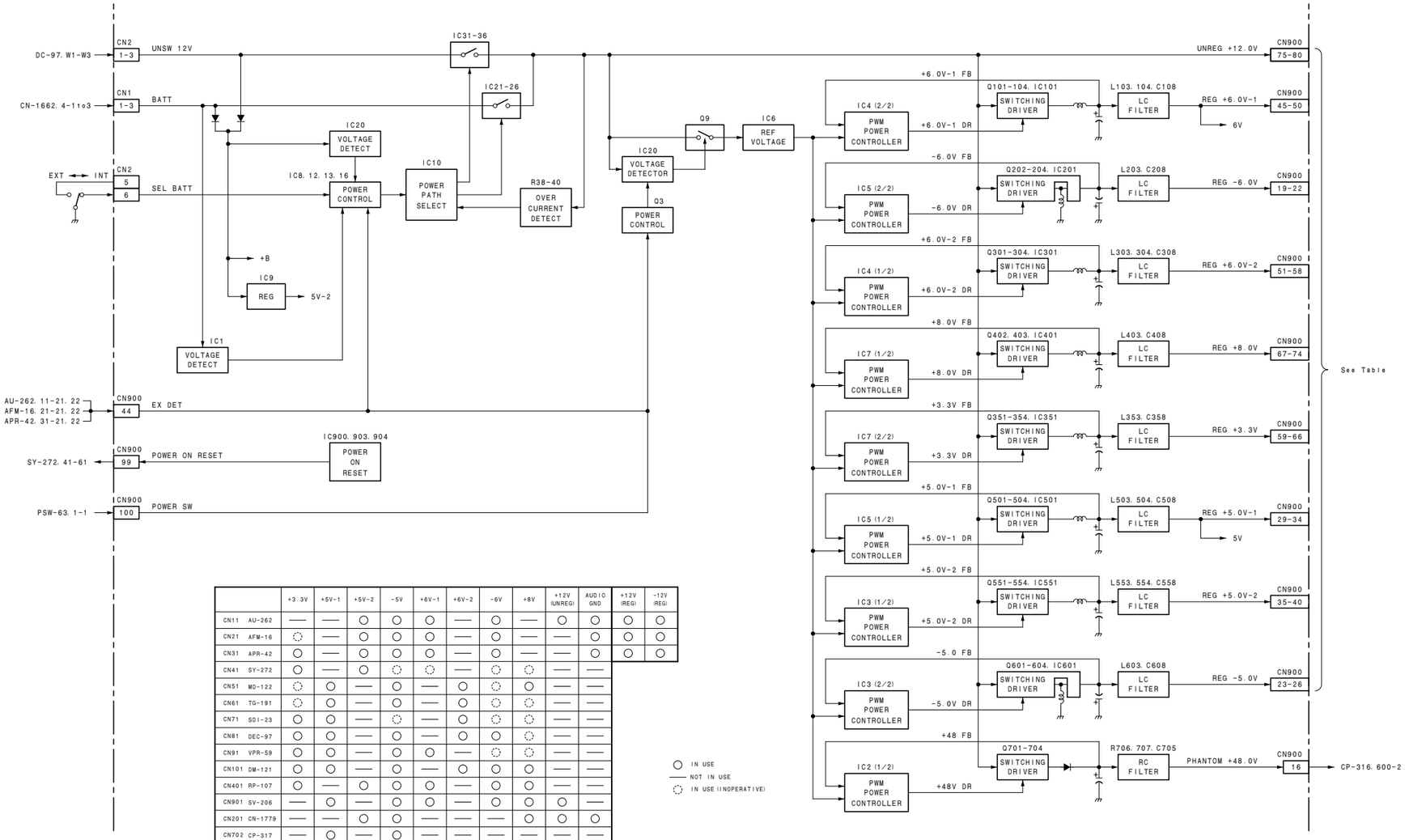
7
8
SE-454, 2-3
SE-454, 2-2
2
4
SUB LCD (CS, CK, RS, DATA)
CN1
8-11
CN-1779, 4-8to11



RF MODULATOR
MD-122
LOT NO. 812-

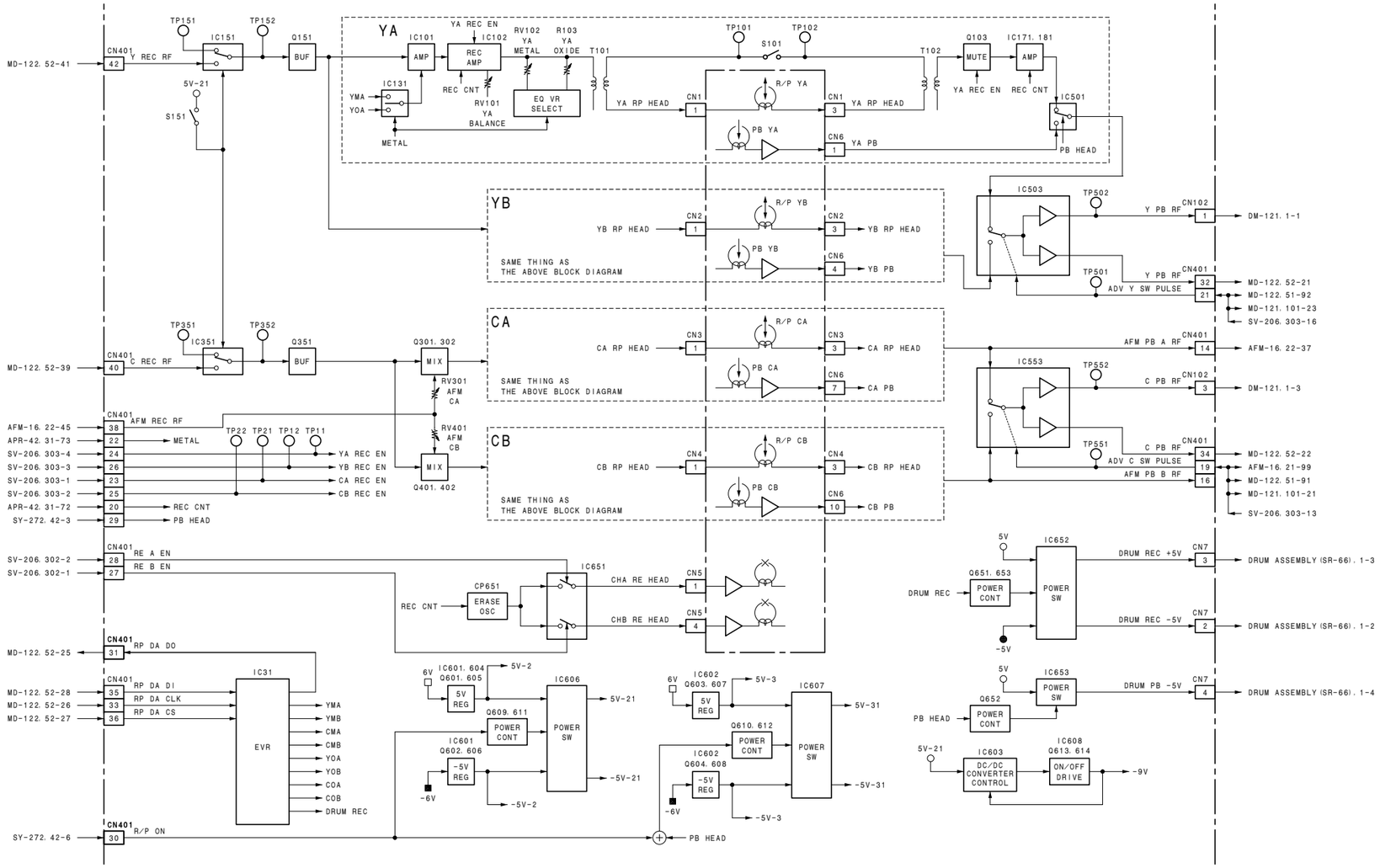
RE-174 Block diagram



	+3.3V	+5V-1	+5V-2	-5V	+6V-1	+6V-2	-6V	+8V	+12V (UNREG)	AUDIO GND	+12V (REG)	-12V (REG)
CN11 AU-262	—	—	○	○	○	—	○	—	○	○	○	○
CN21 AFM-16	◌	—	○	○	○	—	○	—	—	○	○	○
CN31 APR-42	○	—	○	○	○	—	○	—	—	○	○	○
CN41 SY-272	○	—	○	◌	◌	—	◌	◌	—	—		
CN51 MD-122	◌	○	—	○	—	○	◌	○	—	—		
CN61 TG-191	◌	○	—	○	—	○	◌	◌	—	—		
CN71 SDI-23	○	○	—	◌	—	○	◌	◌	—	—		
CN81 DEC-97	○	○	—	○	—	○	○	◌	—	—		
CN91 VPR-59	○	○	—	○	○	—	◌	◌	—	—		
CN101 DW-121	○	○	—	○	—	○	○	○	—	—		
CN401 RP-107	○	—	○	○	○	—	○	○	—	—		
CN901 SV-206	—	○	—	○	○	—	○	○	○	—		
CN201 CN-1779	—	—	○	○	—	—	—	○	○	○		
CN702 CP-317	—	○	—	○	—	—	—	—	—	—		
CN600	—	—	—	—	—	○	○	—	—	—		
CP-316 / CN601	—	—	—	—	—	—	—	—	—	○		
CN8 HP-88	—	—	—	—	○	—	○	—	—	—		

○ IN USE
— NOT IN USE
◌ IN USE (INOPERATIVE)

SWITCHING REGULATOR
RE-174
LOT NO. 812-



RF REC/PB HEAD AMPLIFIER
RP-107
LOT NO. 812-

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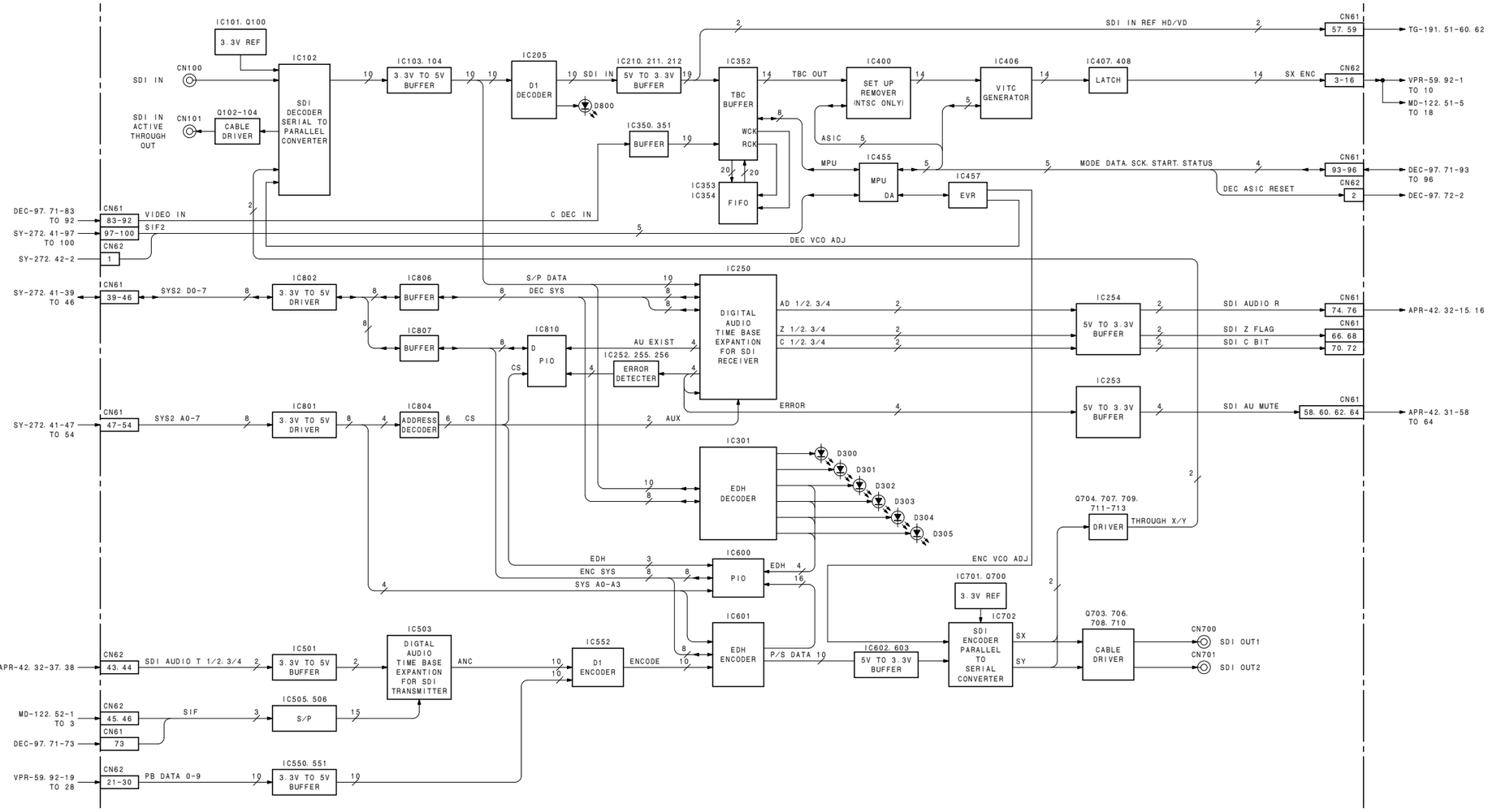
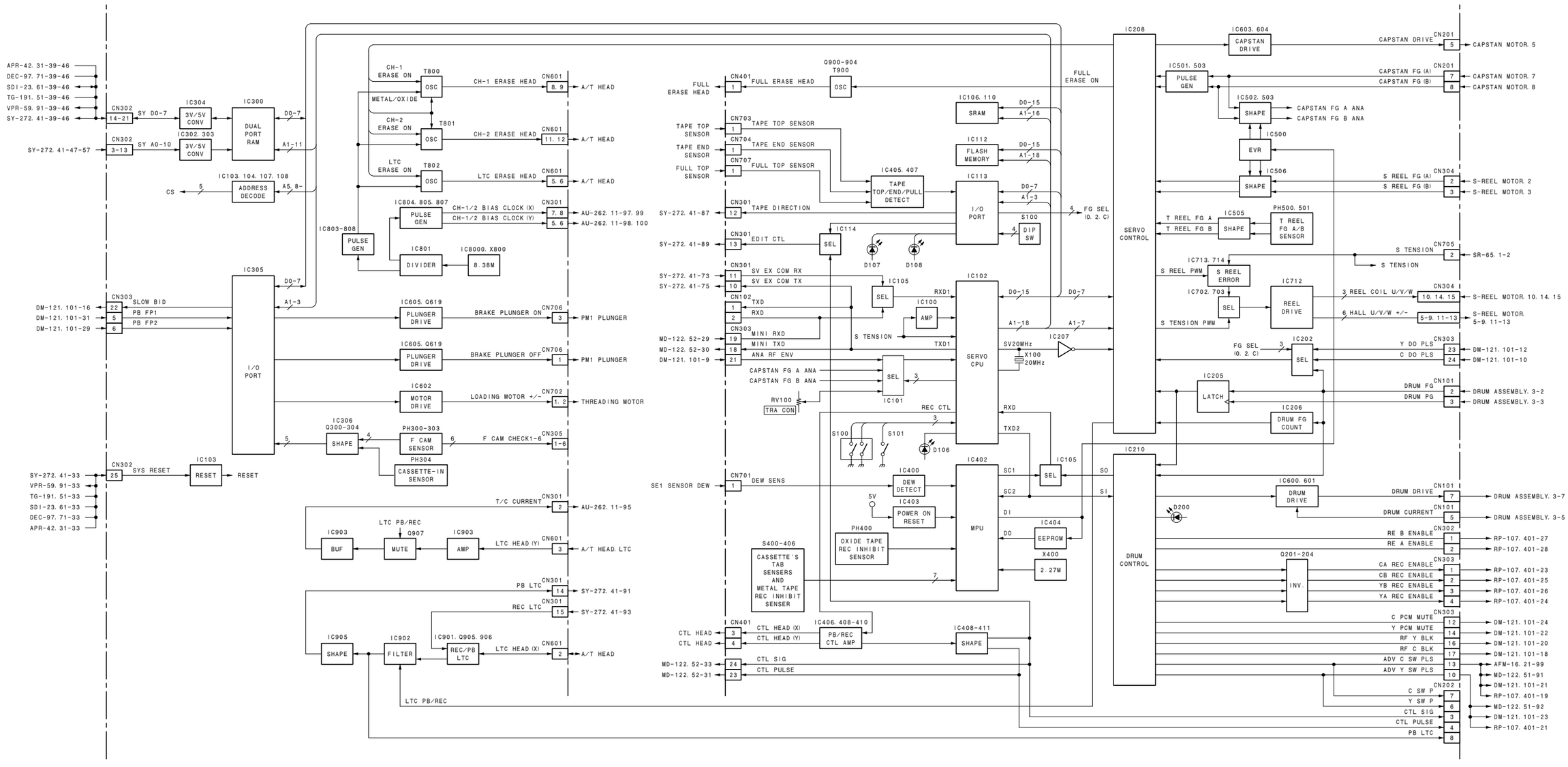


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23

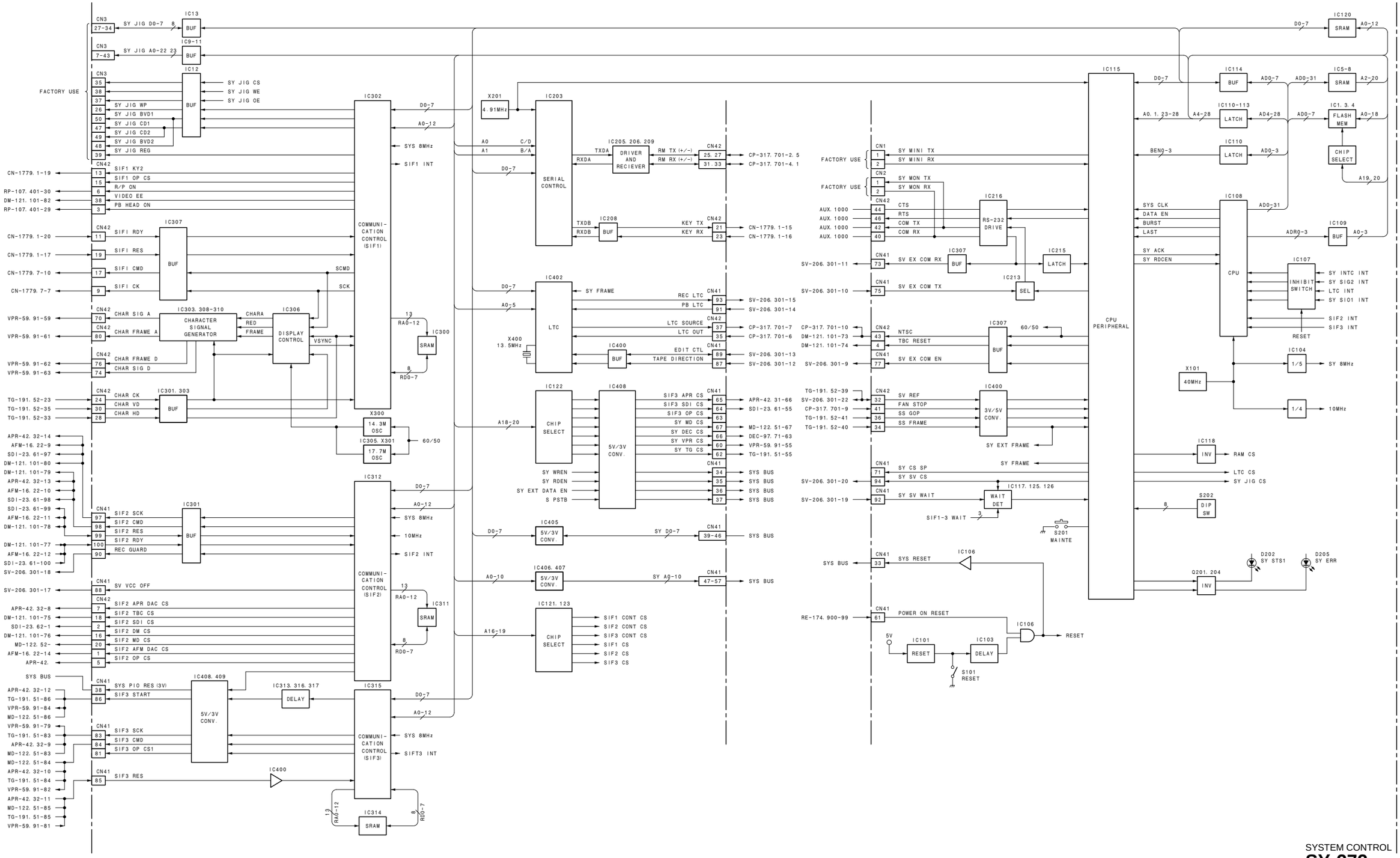
LOT NO. 812-



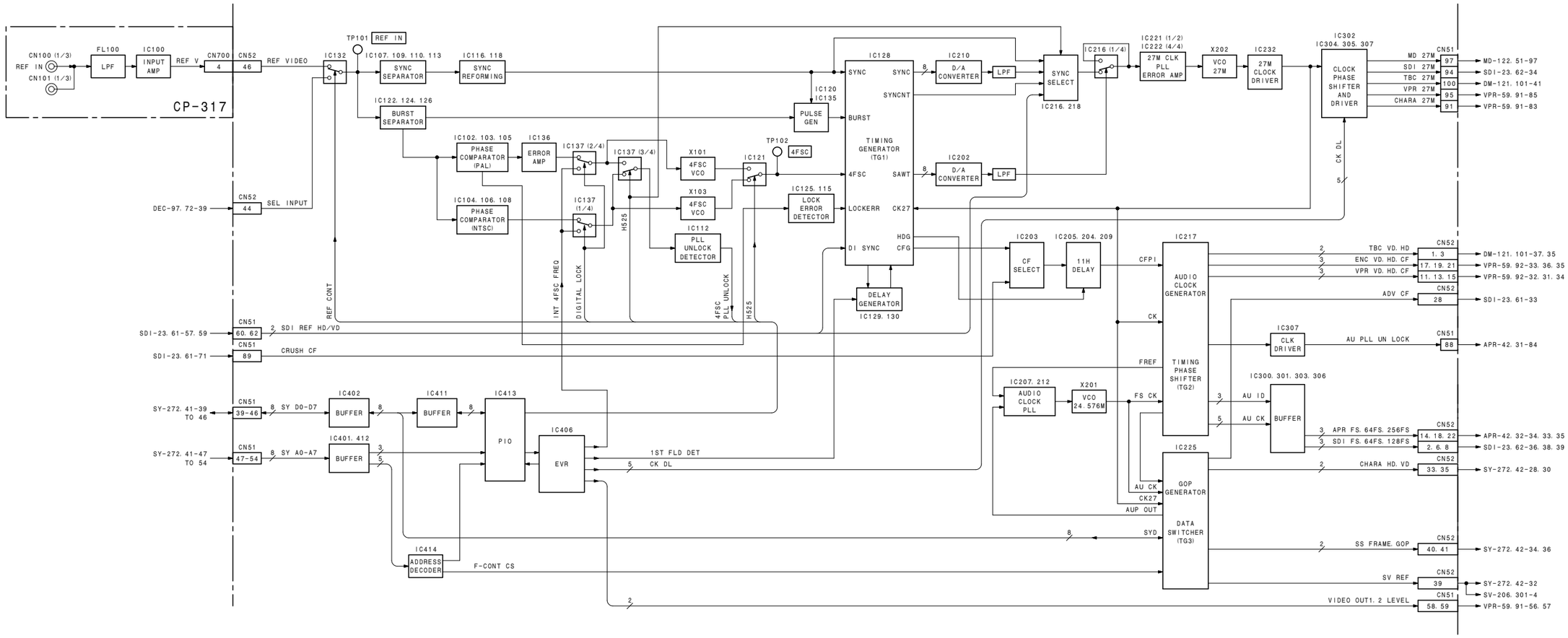
SERVO CONTROL, MOTOR DRIVER, SENSORS

SV-206

LOT NO. 812-



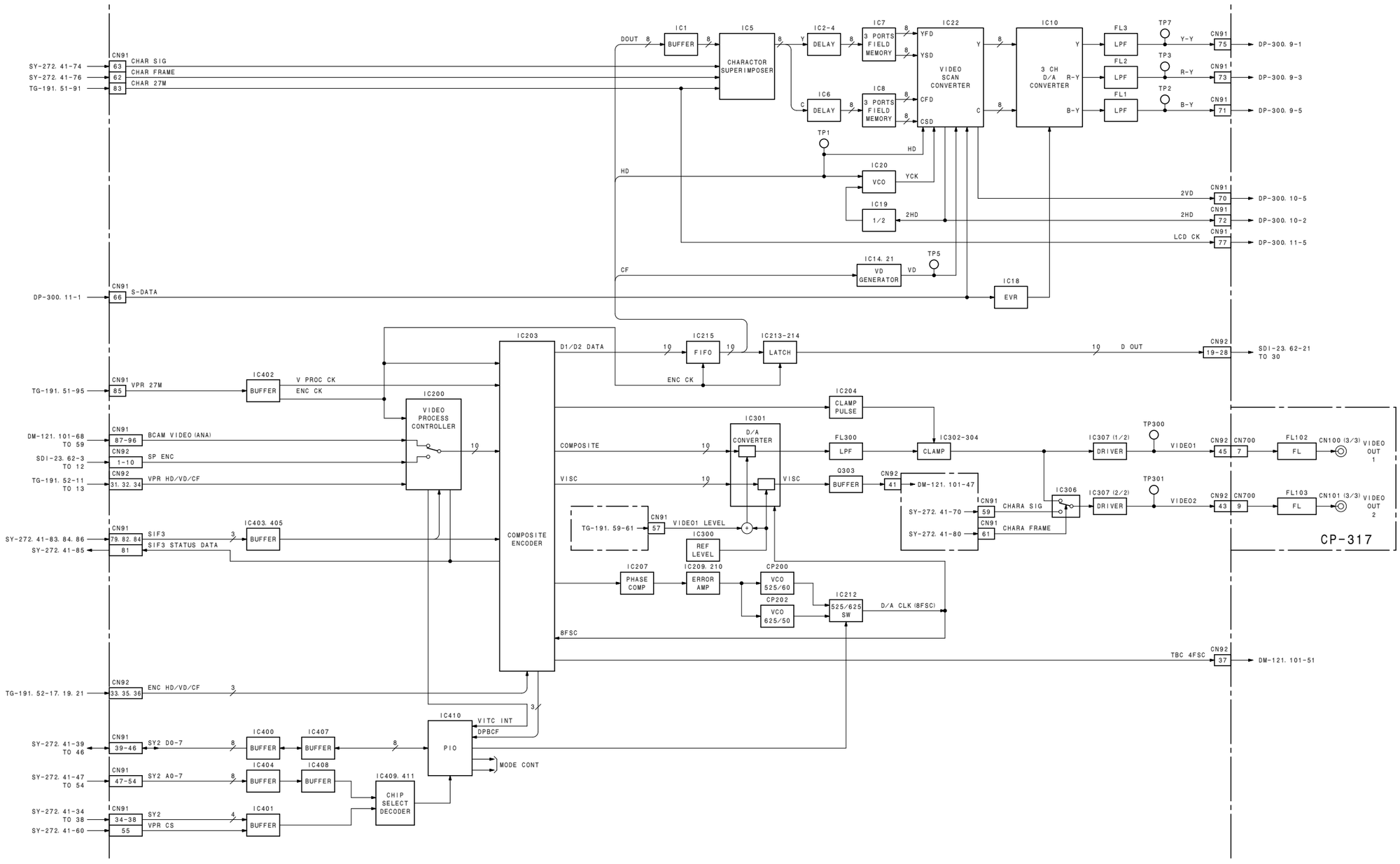
SYSTEM CONTROL
SY-272
LOT NO. 812-



REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191

LOT NO. 812-



VIDEO SIGNAL PROCESSOR
VIDEO PROCESS D-A, COMPOSITE ENCODER
VPR-59
LOT NO. 812-

Section 4
Schematic Diagrams and Frame Wiring

Schematic Diagram Index

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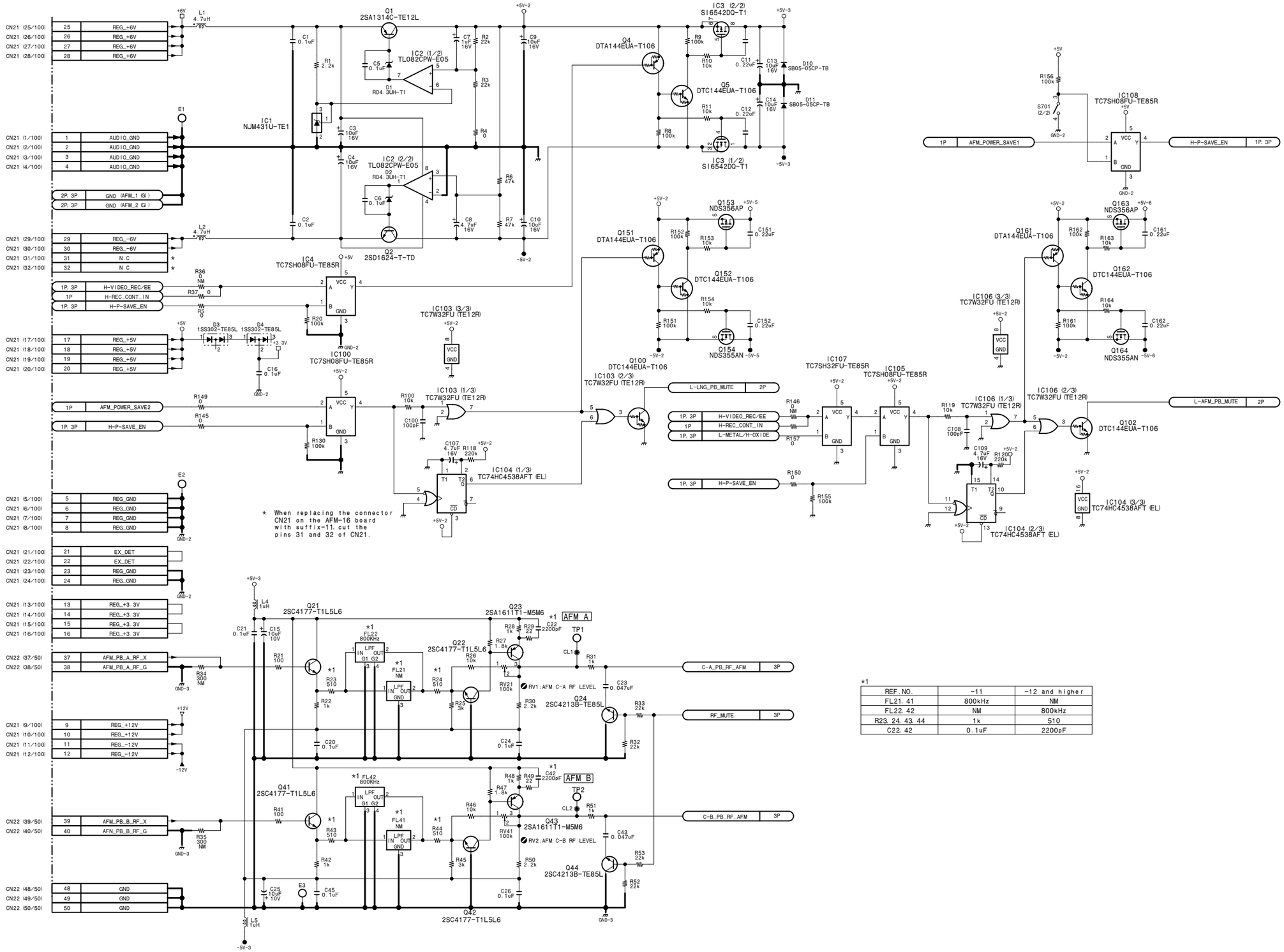
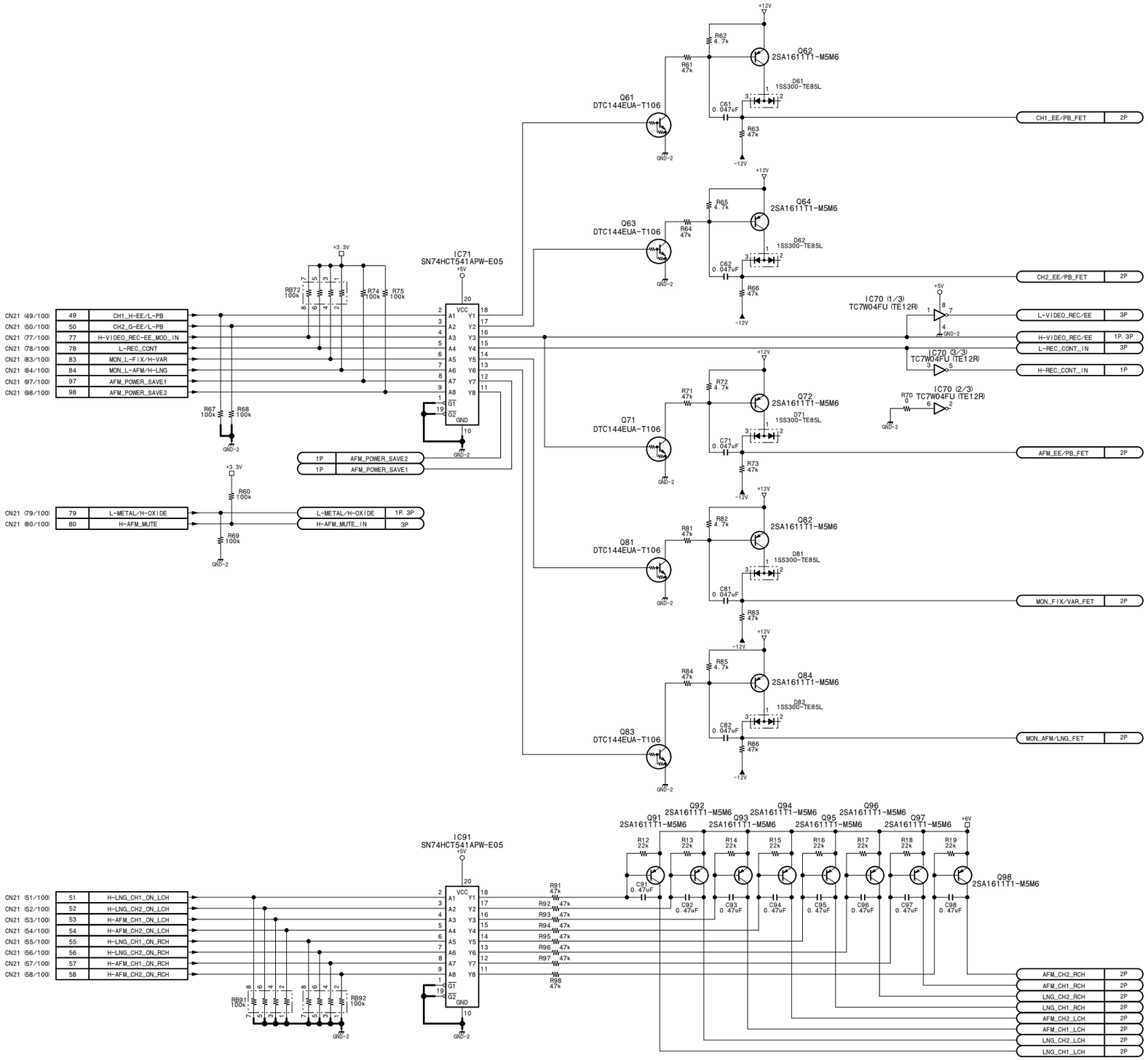
*TBC: Time Base Corrector

AFM-16 (1/3)


CN21 (25/100) 25 REG_+6V
CN21 (26/100) 26 REG_+6V
CN21 (27/100) 27 REG_+6V
CN21 (28/100) 28 REG_+6V
CN21 (1/100) 1 AUDIO_GND
CN21 (2/100) 2 AUDIO_GND
CN21 (3/100) 3 AUDIO_GND
CN21 (4/100) 4 AUDIO_GND
2P. 3P GND (AFM_1 GI)
2P. 3P GND (AFM_2 GI)
CN21 (29/100) 29 REG_-6V
CN21 (30/100) 30 REG_-6V
CN21 (31/100) 31 N.C
CN21 (32/100) 32 N.C
1P. 3P H-VIDEO_REC/EE
1P H-REC_CONT_IN
1P. 3P H-P-SAVE_EN
CN21 (17/100) 17 REG_+5V
CN21 (18/100) 18 REG_+5V
CN21 (19/100) 19 REG_+5V
CN21 (20/100) 20 REG_+5V
1P AFM_POWER_SAVE2
1P. 3P H-P-SAVE_EN
CN21 (5/100) 5 REG_GND
CN21 (6/100) 6 REG_GND
CN21 (7/100) 7 REG_GND
CN21 (8/100) 8 REG_GND
CN21 (21/100) 21 EX_DET
CN21 (22/100) 22 EX_DET
CN21 (23/100) 23 REG_GND
CN21 (24/100) 24 REG_GND
CN21 (13/100) 13 REG_+3.3V
CN21 (14/100) 14 REG_+3.3V
CN21 (15/100) 15 REG_+3.3V
CN21 (16/100) 16 REG_+3.3V
CN22 (37/50) 37 AFM_PB_A_RF_X
CN22 (38/50) 38 AFM_PB_A_RF_G
CN21 (9/100) 9 REG_+12V
CN21 (10/100) 10 REG_+12V
CN21 (11/100) 11 REG_-12V
CN21 (12/100) 12 REG_-12V
CN22 (39/50) 39 AFM_PB_B_RF_X
CN22 (40/50) 40 AFN_PB_B_RF_G
CN22 (48/50) 48 GND
CN22 (49/50) 49 GND
CN22 (50/50) 50 GND
IC1 NJM4311U-TE1
IC2 (1/2) TL082CPW-E05
IC2 (2/2) TL082CPW-E05
IC3 (2/2) SI6542DQ-T1
IC3 (1/2) SI6542DQ-T1
IC4 TC7SH08FU-TE85R
IC100 TC7SH08FU-TE85R
IC103 (3/3) TC7W32FU (TE12R)
IC103 (1/3) TC7W32FU (TE12R)
IC103 (2/3) TC7W32FU (TE12R)
IC104 (1/3) TC74HC4538AFT (EL)
IC104 (2/3) TC74HC4538AFT (EL)
IC104 (3/3) TC74HC4538AFT (EL)
IC105 TC7SH08FU-TE85R
IC106 (1/3) TC7W32FU (TE12R)
IC106 (2/3) TC7W32FU (TE12R)
IC106 (3/3) TC7W32FU (TE12R)
IC107 TC7SH32FU-TE85R
IC108 TC7SH08FU-TE85R
Q1 2SA1314C-TE12L
Q2 2SD1624-T-TD
Q4 DTA144EUA-T106
Q5 DTC144EUA-T106
Q100 DTC144EUA-T106
Q102 DTC144EUA-T106
Q151 DTA144EUA-T106
Q152 DTC144EUA-T106
Q153 NDS356AP
Q154 NDS355AN
Q161 DTA144EUA-T106
Q162 DTC144EUA-T106
Q163 NDS356AP
Q164 NDS355AN
Q21 2SC4177-T1L5L6
Q22 2SC4177-T1L5L6
Q23 2SA1611T1-M5M6
Q24 2SC4213B-TE85L
Q41 2SC4177-T1L5L6
Q42 2SC4177-T1L5L6
Q43 2SA1611T1-M5M6
Q44 2SC4213B-TE85L
D1 RD4.3UH-T1
D2 RD4.3UH-T1
D3 1SS302-TE85L
D4 1SS302-TE85L
D10 SB05-05CP-TB
D11 SB05-05CP-TB
L1 4.7uH
L2 4.7uH
L4 1uH
L5 1uH
E1
E2
E3
TP1
TP2
CL1
CL2
S701 (2/2)
L-LNG_PB_MUTE 2P
1P. 3P H-VIDEO_REC/EE
1P H-REC_CONT_IN
1P. 3P L-METAL/H-OXIDE
1P. 3P H-P-SAVE_EN
1P AFM_POWER_SAVE1 H-P-SAVE_EN 1P. 3P
L-AFM_PB_MUTE 2P
C-A_PB_RF_AFM 3P
RF_MUTE 3P
C-B_PB_RF_AFM 3P
AFM A
AFM B
RV1:AFM C-A RF LEVEL
RV2:AFM C-B RF LEVEL
LPF IN OUT G1 G2 GND
VCC A B Y GND
* When replacing the connector CN21 on the AFM-16 board with suffix-11, cut the pins 31 and 32 of CN21.
*1
REF.NO. -11 -12 and higher
FL21, 41 800kHz NM
FL22, 42 NM 800kHz
R23, 24, 43, 44 1k 510
C22, 42 0.1uF 2200pF

4-2

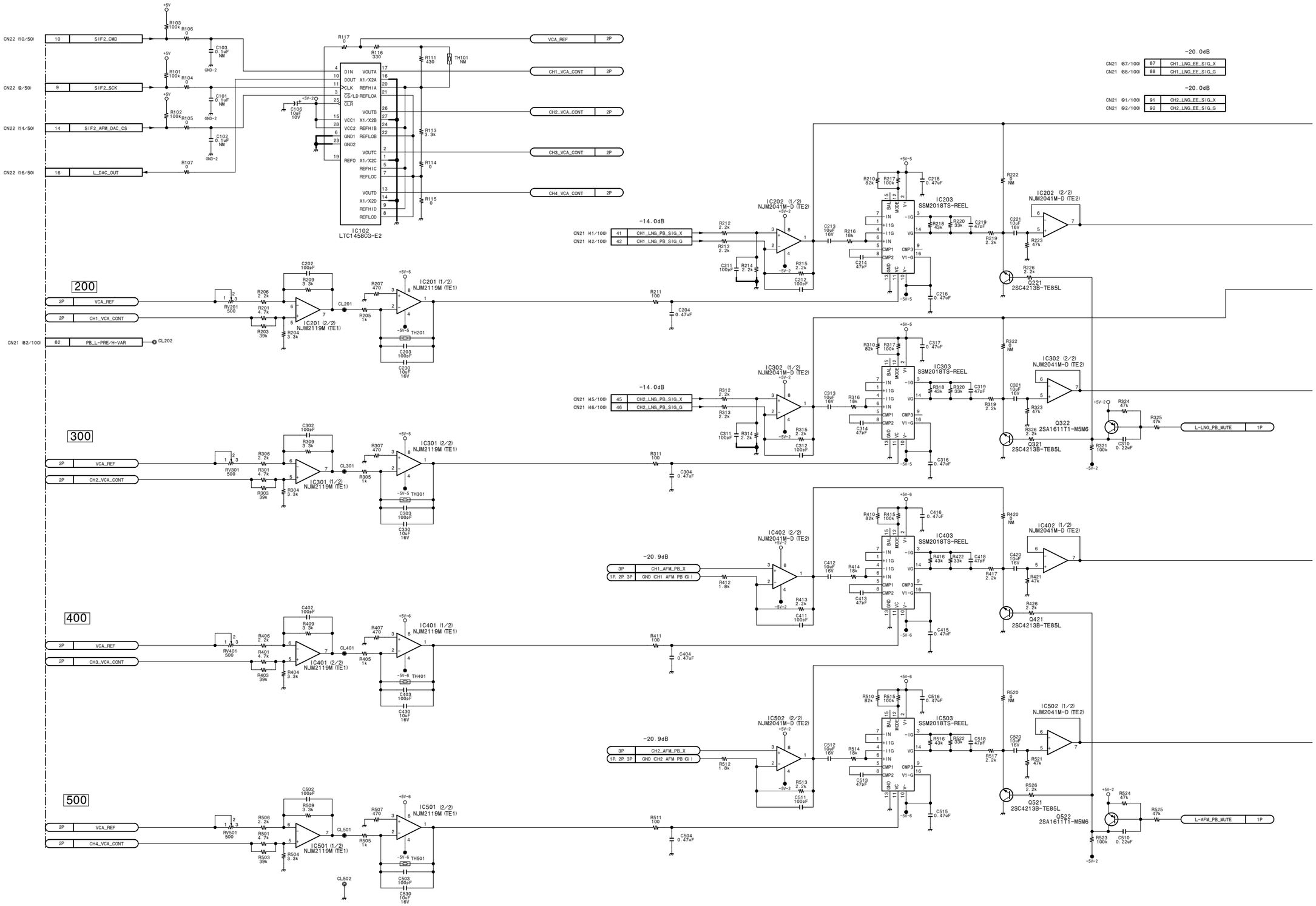


AFM REC/PB, PB AUDIO LEVEL CONTROL

AFM-16 (1/3)

BOARD NO. 1-673-523-11, 12
LOT NO. 812-
BVW-55_AFM-16_012

AFM-16 (2/3)


CN22 (10/50)
10 SIF2_CMD
CN22 (9/50)
9 SIF2_SCK
CN22 (14/50)
14 SIF2_AFM_DAC_CS
CN22 (16/50)
16 L_DAC_OUT
IC102
LTC1458CG-E2
VCA_REF 2P
CH1_VCA_CONT 2P
CH2_VCA_CONT 2P
CH3_VCA_CONT 2P
CH4_VCA_CONT 2P
200
300
400
500
IC201 (1/2) NJM2119M (TE1)
IC201 (2/2) NJM2119M (TE1)
IC301 (1/2) NJM2119M (TE1)
IC301 (2/2) NJM2119M (TE1)
IC401 (1/2) NJM2119M (TE1)
IC401 (2/2) NJM2119M (TE1)
IC501 (1/2) NJM2119M (TE1)
IC501 (2/2) NJM2119M (TE1)
CN21 (82/100) 82 PB_L-PRE/H-VAR
CN21 (41/100) 41 CH1_LNG_PB_SIG_X
CN21 (42/100) 42 CH1_LNG_PB_SIG_G
CN21 (45/100) 45 CH2_LNG_PB_SIG_X
CN21 (46/100) 46 CH2_LNG_PB_SIG_G
-14.0dB
IC202 (1/2) NJM2041M-D (TE2)
IC202 (2/2) NJM2041M-D (TE2)
IC203 SSM2018TS-REEL
IC302 (1/2) NJM2041M-D (TE2)
IC302 (2/2) NJM2041M-D (TE2)
IC303 SSM2018TS-REEL
Q221 2SC4213B-TE85L
Q321 2SC4213B-TE85L
Q322 2SA1611T1-M5M6
CN21 (87/100) 87 CH1_LNG_EE_SIG_X
CN21 (88/100) 88 CH1_LNG_EE_SIG_G
CN21 (91/100) 91 CH2_LNG_EE_SIG_X
CN21 (92/100) 92 CH2_LNG_EE_SIG_G
-20.0dB
-20.9dB
3P CH1_AFM_PB_X
1P, 2P, 3P GND (CH1 AFM PB GND)
3P CH2_AFM_PB_X
1P, 2P, 3P GND (CH2 AFM PB GND)
IC402 (1/2) NJM2041M-D (TE2)
IC402 (2/2) NJM2041M-D (TE2)
IC403 SSM2018TS-REEL
IC502 (1/2) NJM2041M-D (TE2)
IC502 (2/2) NJM2041M-D (TE2)
IC503 SSM2018TS-REEL
Q421 2SC4213B-TE85L
Q521 2SC4213B-TE85L
Q522 2SA1611T1-M5M6
L-LNG_PB_MUTE 1P
L-AFM_PB_MUTE 1P

4-4

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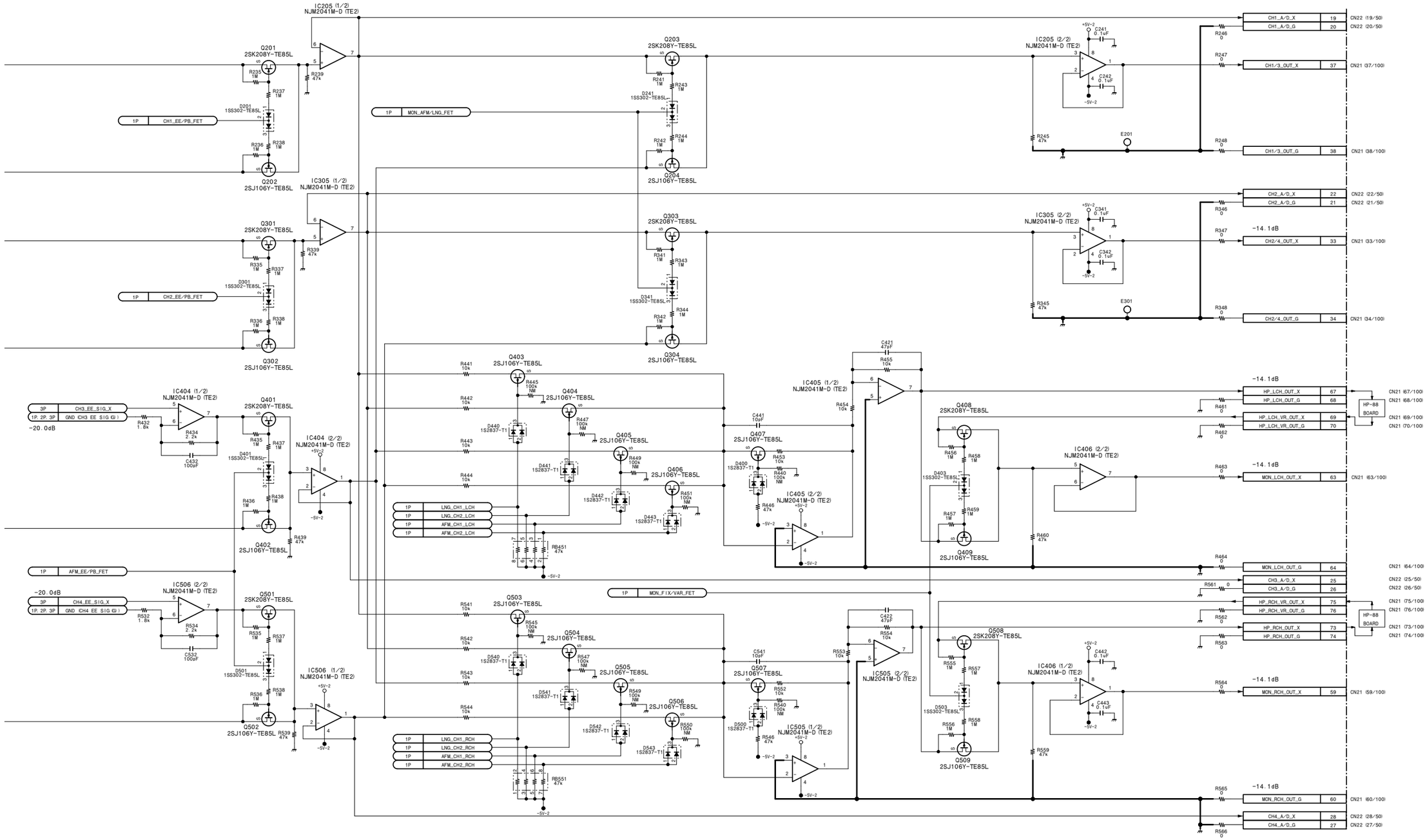
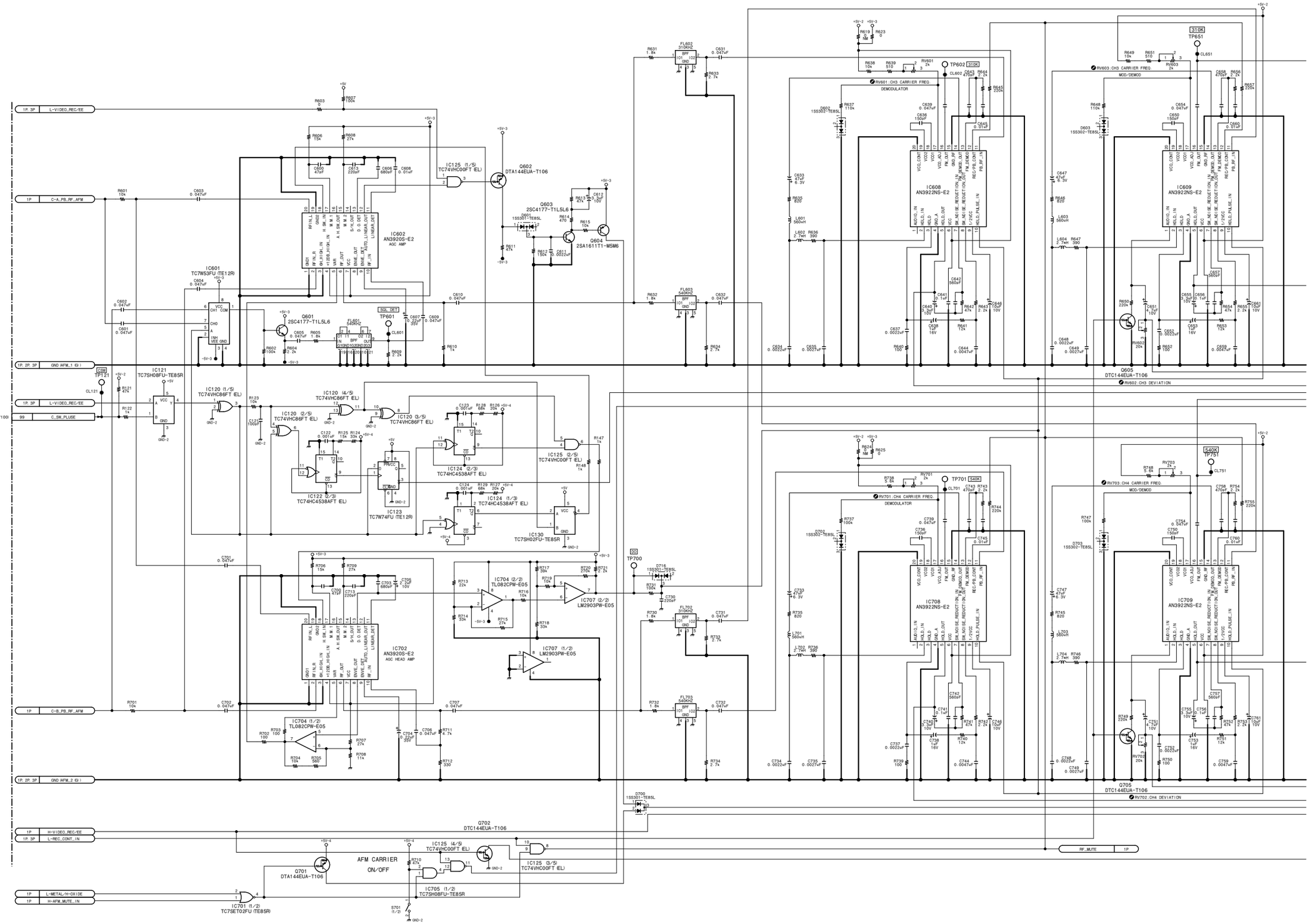


AFM REC/PB, PB AUDIO LEVEL CONTROL

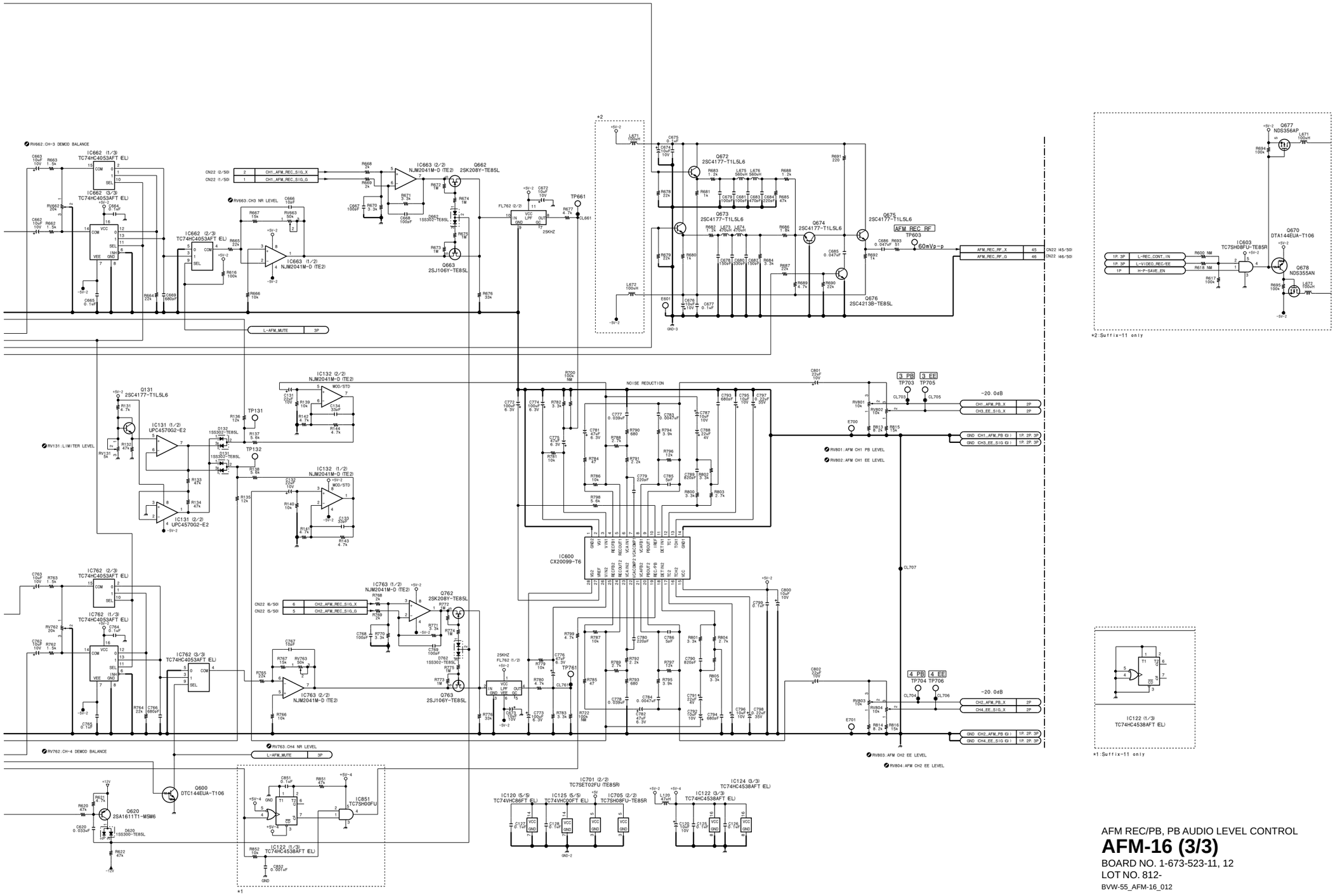
AFM-16 (2/3)

BOARD NO. 1-673-523-11, 12
LOT NO. 812-
BVW-55_AFM-16_012

AFM-16 (3/3)


1P, 3P L-VIDEO_REC/-EE
1P C-A_PB_RF_AFM
1P, 2P, 3P GND (AFM_1 6))
1P, 3P L-VIDEO_REC/-EE
99 C_SW_PLUSE
CN21 99/100
1P C-B_PB_RF_AFM
1P, 2P, 3P GND (AFM_2 6))
1P H-VIDEO_REC/-EE
1P, 3P L-REC_CONT_-IN
1P L-METAL/-H-OXIDE
1P H-AFM_MUTE_-IN
RF_MUTE 1P
IC602 AN3920S-E2 AGC AMP
IC601 TC7W53FU (TE12R)
IC608 AN3922NS-E2
IC609 AN3922NS-E2
IC702 AN3920S-E2 AGC HEAD AMP
IC708 AN3922NS-E2
IC709 AN3922NS-E2
IC120 (1/5) TC74VHC86FT (EL)
IC120 (2/5) TC74VHC86FT (EL)
IC120 (3/5) TC74VHC86FT (EL)
IC120 (4/5) TC74VHC86FT (EL)
IC120 (5/5) TC74VHC86FT (EL)
IC121 TC7SH08FU-TE85R
IC122 (2/3) TC74HC4538AFT (EL)
IC123 TC7W74FU (TE12R)
IC124 (1/3) TC74HC4538AFT (EL)
IC124 (2/3) TC74HC4538AFT (EL)
IC125 (1/5) TC74VHC00FT (EL)
IC125 (2/5) TC74VHC00FT (EL)
IC125 (3/5) TC74VHC00FT (EL)
IC125 (4/5) TC74VHC00FT (EL)
IC130 TC7SH02FU-TE85R
IC701 (1/2) TC7SET02FU (TE85R)
IC704 (1/2) TL082CPW-E05
IC704 (2/2) TL082CPW-E05
IC705 (1/2) TC7SH08FU-TE85R
IC707 (1/2) LM2903PW-E05
IC707 (2/2) LM2903PW-E05
Q601 2SC4177-T1L5L6
Q602 DTA144EUA-T106
Q603 2SC4177-T1L5L6
Q604 2SA1611T1-M5M6
Q605 DTC144EUA-T106
Q701 DTA144EUA-T106
Q702 DTC144EUA-T106
Q705 DTC144EUA-T106
D601 1SS301-TE85L
D602 1SS302-TE85L
D603 1SS302-TE85L
D700 1SS301-TE85L
D701 1SS302-TE85L
D703 1SS302-TE85L
D716 1SS301-TE85L
TP601 SQL DET
TP602 310K
TP651 310K
TP700
TP701 540K
TP751 540K
CL601
CL602
CL651
CL701
CL751
FL601 540KHz
FL602 310KHz
FL603 540KHz
FL702 310KHz
FL703 540KHz
RV601 2k
RV602 20k
RV603 2k
RV701 2k
RV702 20k
RV703 2k
RV601:CH3 CARRIER FREQ. DEMODULATOR
RV602:CH3 DEVIATION
RV603:CH3 CARRIER FREQ. MOD/DEMOD
RV701:CH4 CARRIER FREQ. DEMODULATOR
RV702:CH4 DEVIATION
RV703:CH4 CARRIER FREQ. MOD/DEMOD
AFM CARRIER ON/OFF
S701 (1/2)
+5V
+5V-2
+5V-3
+5V-4
-5V-3
GND-2

4-6



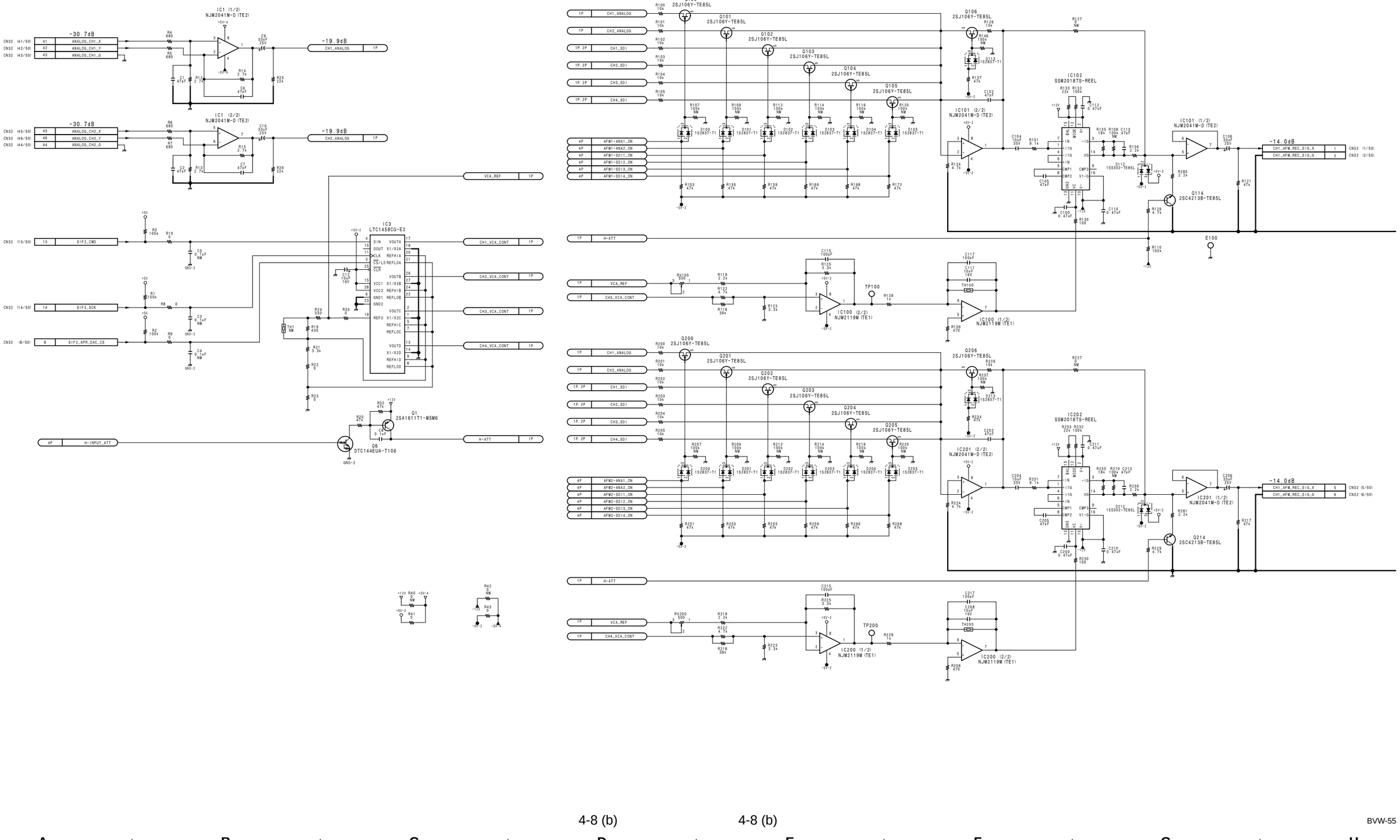
AFM REC/PB, PB AUDIO LEVEL CONTROL

AFM-16 (3/3)

BOARD NO. 1-673-523-11, 12
LOT NO. 812-

BVW-55_AFM-16_012

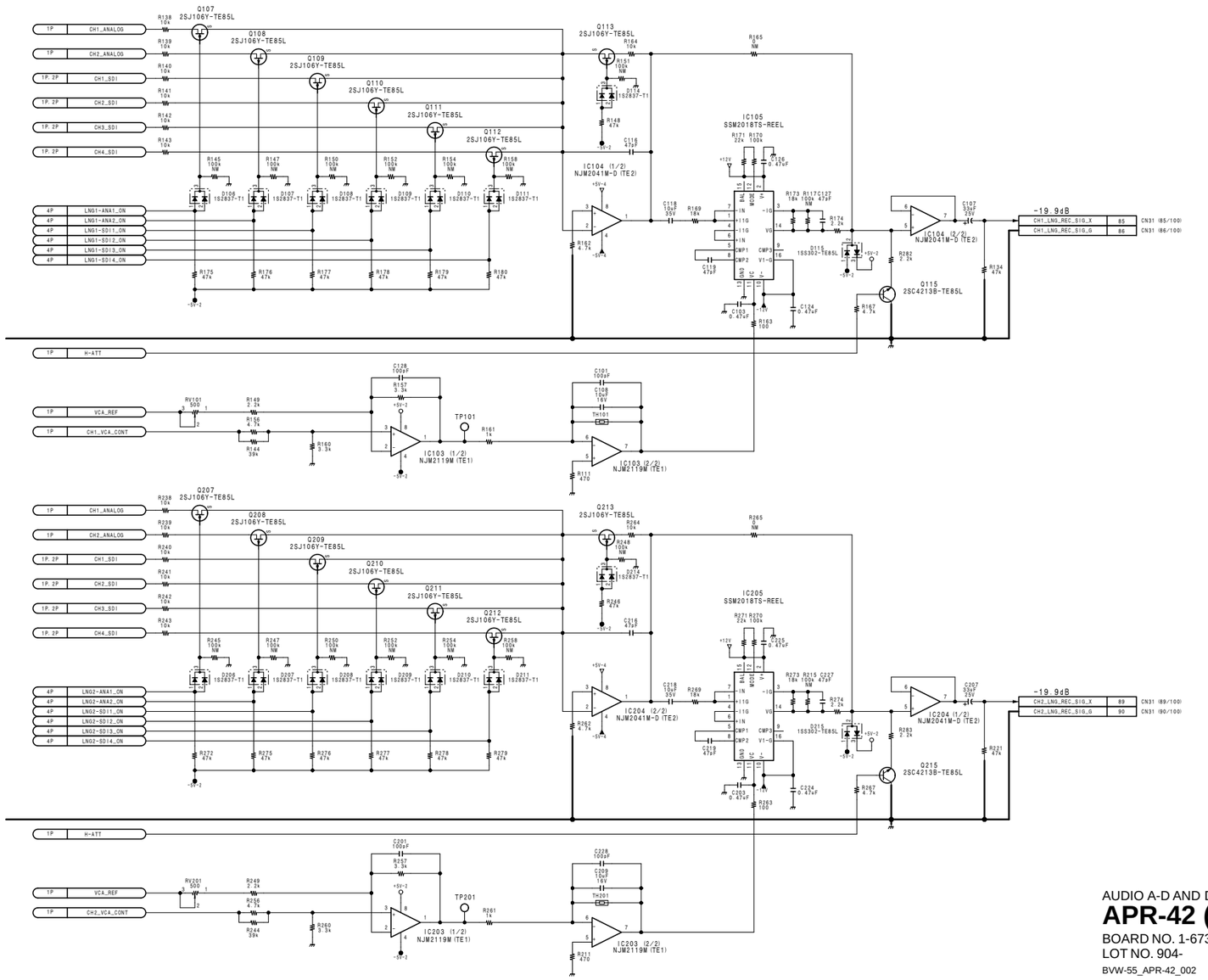
APR-42 (1/4)



4-8 (b)

4-8 (b)

APR-42 (1/4)

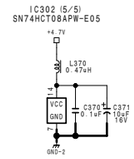


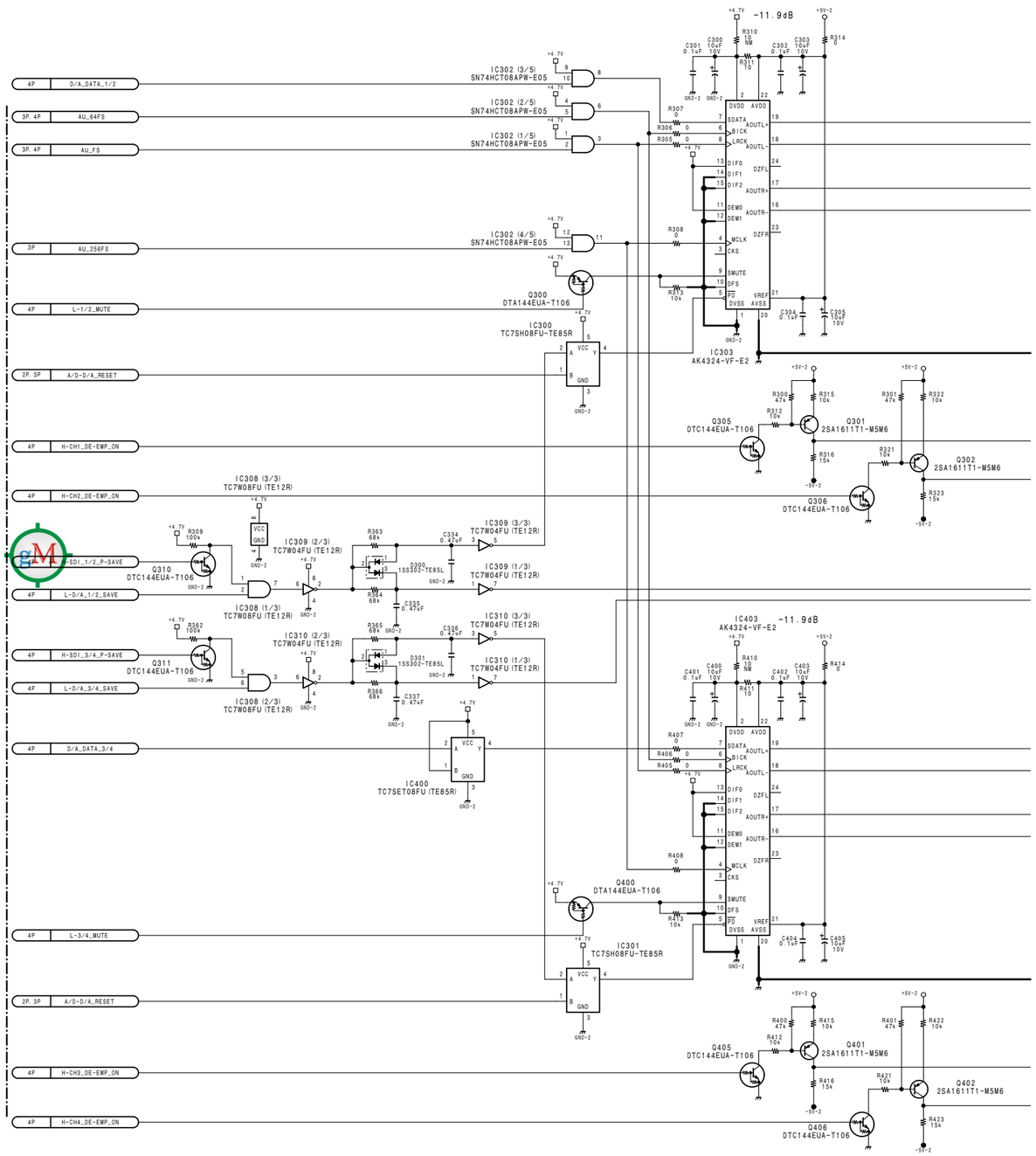
AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42 (1/4)

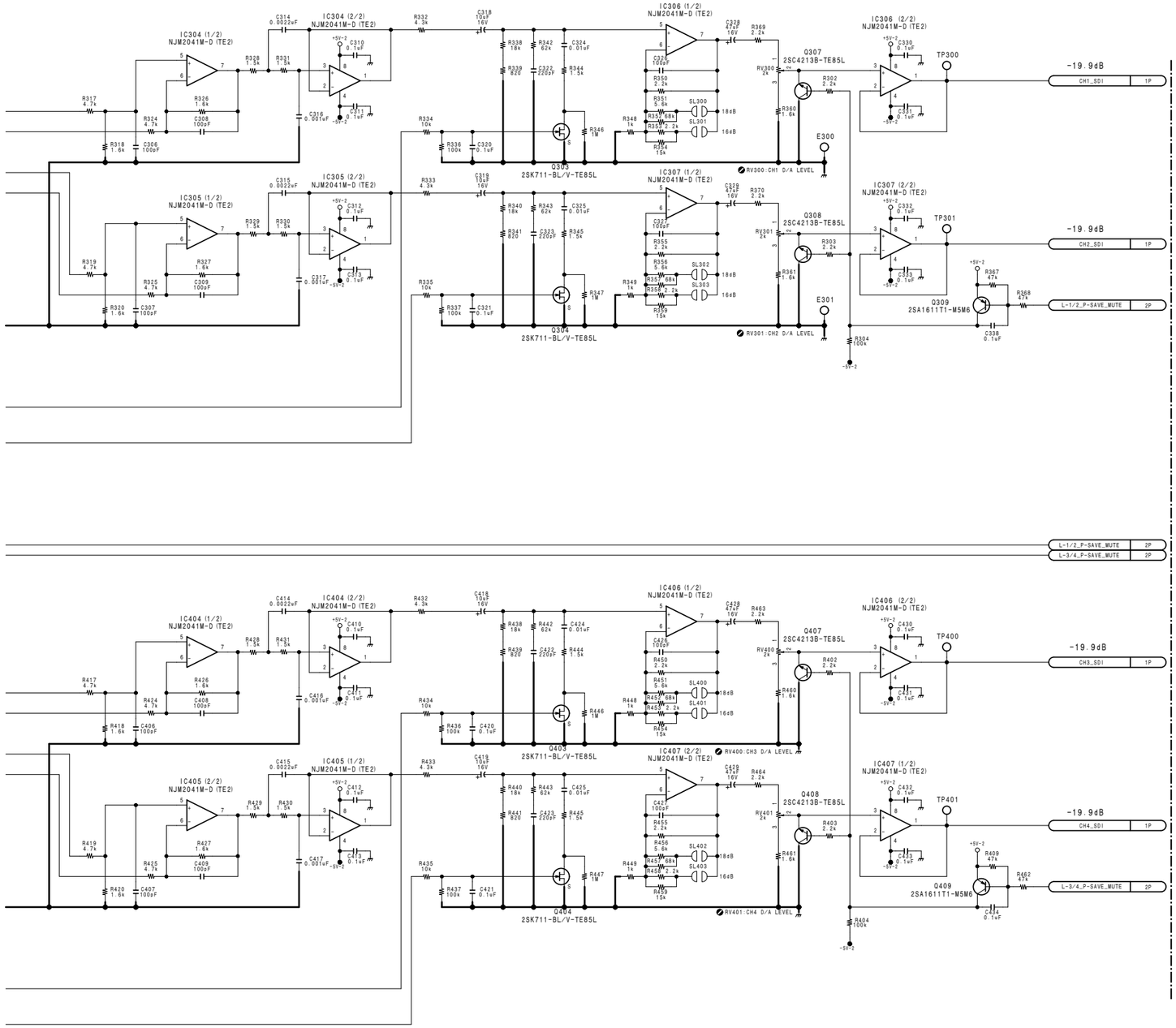
BOARD NO. 1-673-524-12
LOT NO. 904-
BVW-55_APR-42_002

APR-42 (2/4)





4-10 (b)



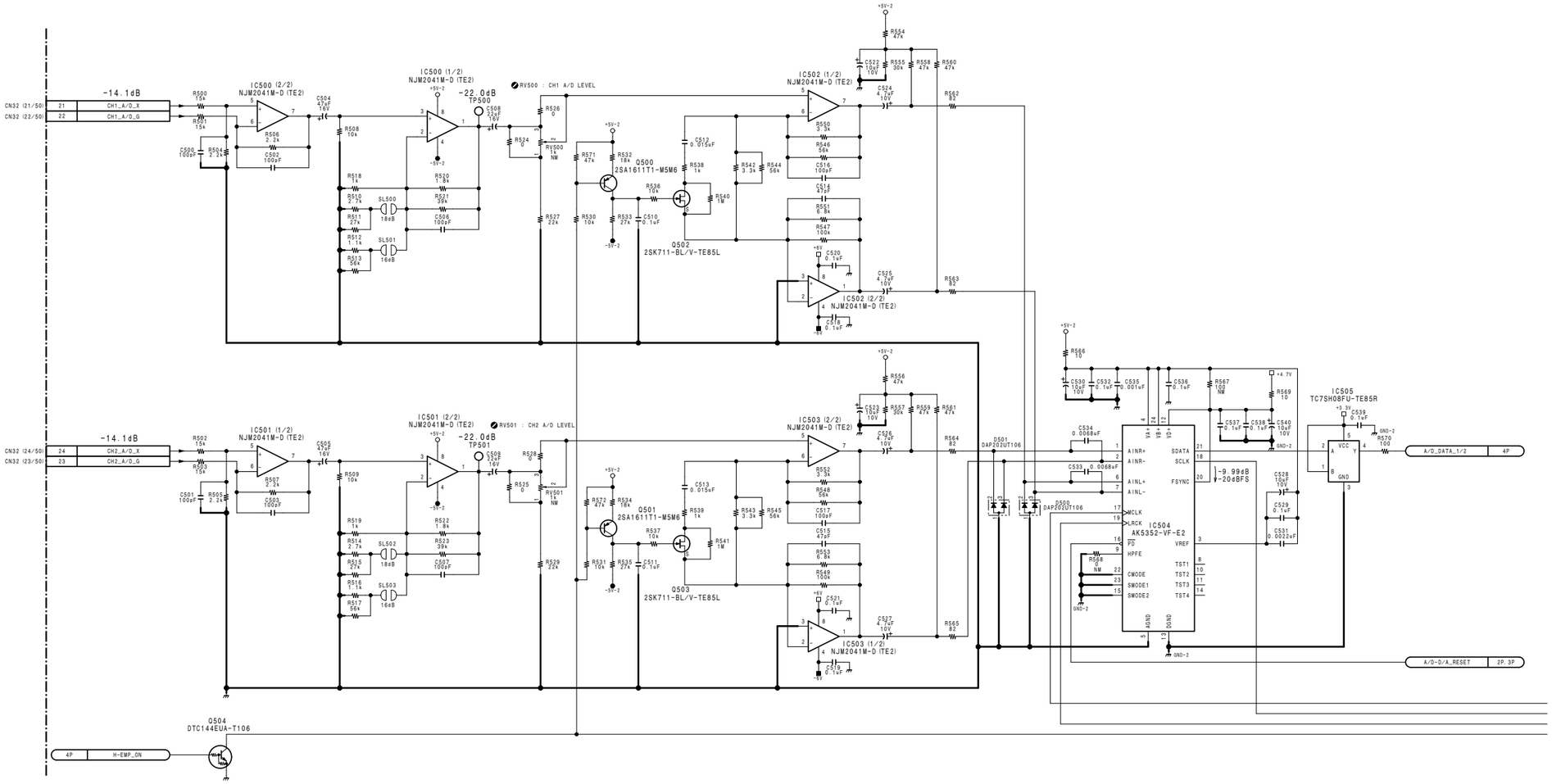
AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42 (2/4)

BOARD NO. 1-673-524-12
LOT NO. 904-

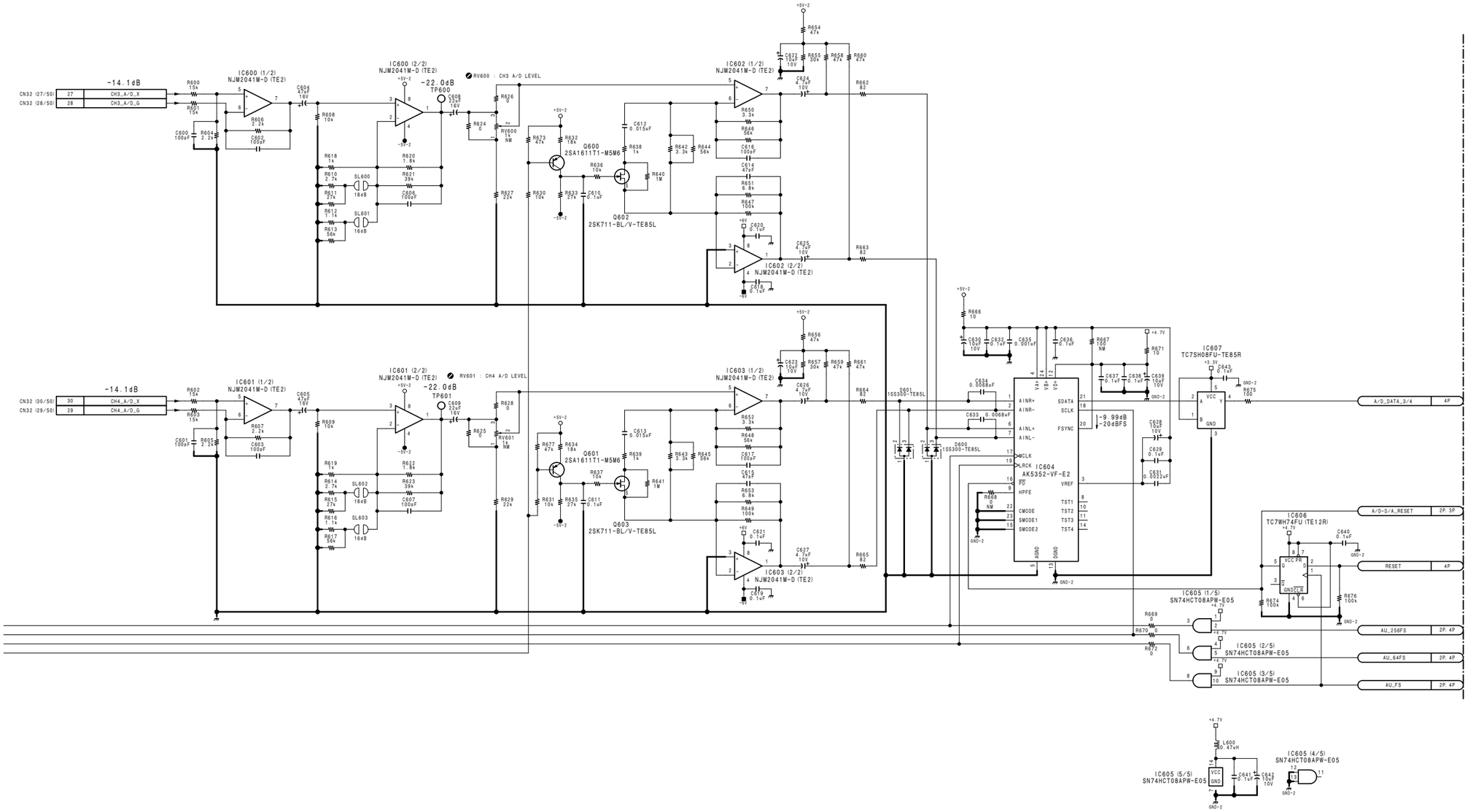
BVW-55_APR-42_002

APR-42 (3/4)



4-12 (b) 4-12 (b)

APR-42 (3/4)

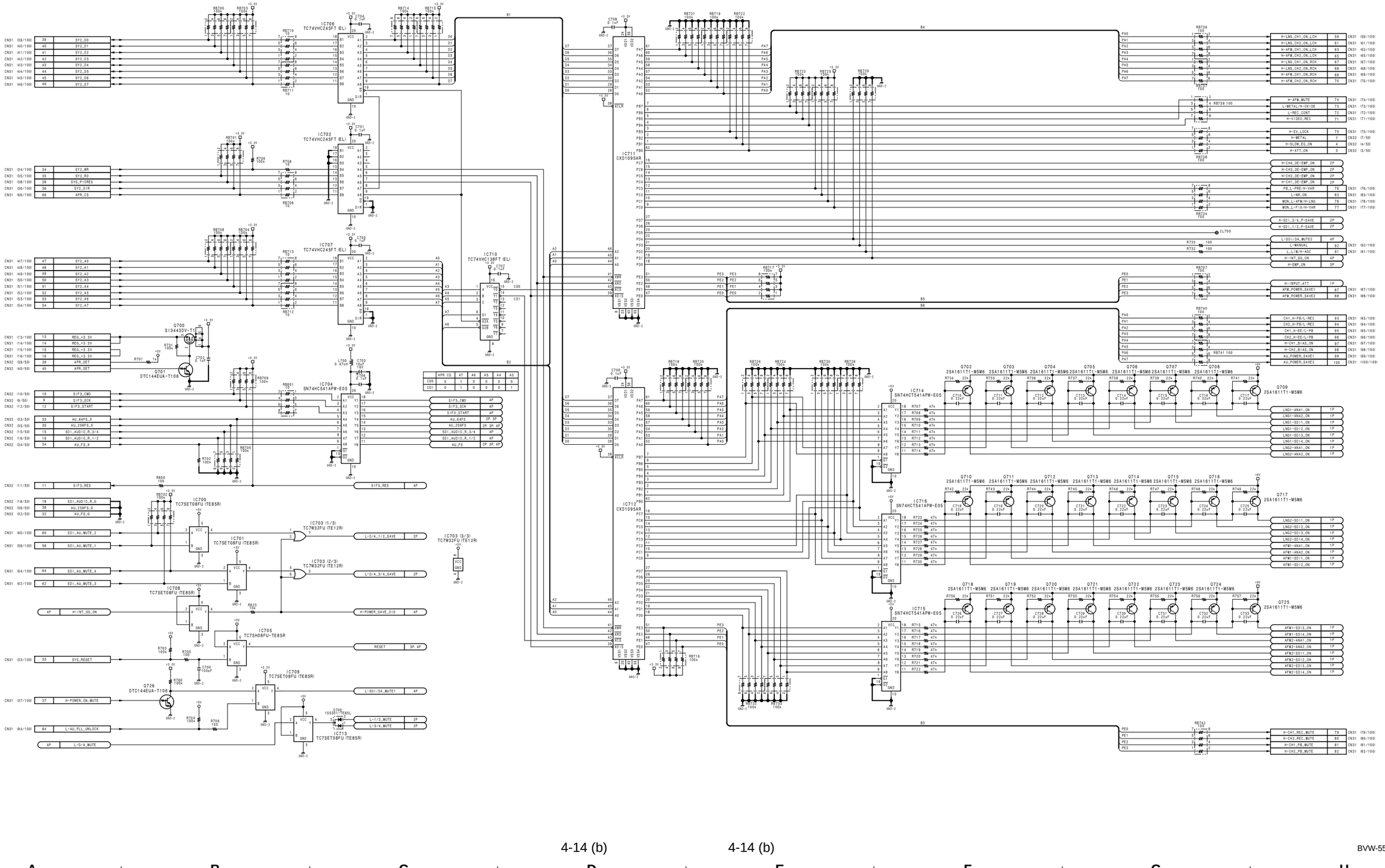


AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42 (3/4)

BOARD NO. 1-673-524-12
LOT NO. 904-
BVW-55_APR-42_002

APR-42 (4/4)


IC706 TC74VHC245FT (EL)
IC702 TC74VHC245FT (EL)
IC707 TC74VHC245FT (EL)
IC704 SN74HC541APW-E05
IC710 TC74VHC138FT (EL)
IC711 CXD1095AR
IC712 CXD1095AR
IC714 SN74HCT541APW-E05
IC716 SN74HCT541APW-E05
IC715 SN74HCT541APW-E05
Q700 SI3443DV-T1
Q701 DTC144EUA-T106
Q726 DTC144EUA-T106
IC700 TC7SET08FU (TE85R)
IC701 TC7SET08FU (TE85R)
IC708 TC7SET08FU (TE85R)
IC705 TC7SH08FU-TE85R
IC709 TC7SET08FU (TE85R)
IC713 TC7SET08FU (TE85R)
IC703 (1/3) TC7W32FU (TE12R)
IC703 (2/3) TC7W32FU (TE12R)
IC703 (3/3) TC7W32FU (TE12R)
Q702 2SA1611T1-M5M6
Q703 2SA1611T1-M5M6
Q704 2SA1611T1-M5M6
Q705 2SA1611T1-M5M6
Q706 2SA1611T1-M5M6
Q707 2SA1611T1-M5M6
Q708 2SA1611T1-M5M6
Q709 2SA1611T1-M5M6
Q710 2SA1611T1-M5M6
Q711 2SA1611T1-M5M6
Q712 2SA1611T1-M5M6
Q713 2SA1611T1-M5M6
Q714 2SA1611T1-M5M6
Q715 2SA1611T1-M5M6
Q716 2SA1611T1-M5M6
Q717 2SA1611T1-M5M6
Q718 2SA1611T1-M5M6
Q719 2SA1611T1-M5M6
Q720 2SA1611T1-M5M6
Q721 2SA1611T1-M5M6
Q722 2SA1611T1-M5M6
Q723 2SA1611T1-M5M6
Q724 2SA1611T1-M5M6
Q725 2SA1611T1-M5M6
SY2_D0
SY2_D1
SY2_D2
SY2_D3
SY2_D4
SY2_D5
SY2_D6
SY2_D7
SY2_WR
SY2_RD
SYS_PIORES
SY2_DIR
APR_CS
SY2_A0
SY2_A1
SY2_A2
SY2_A3
SY2_A4
SY2_A5
SY2_A6
SY2_A7
REQ_+3.3V
REQ_+3.3V
REQ_+3.3V
REQ_+3.3V
APR_DET
SIF3_CMD
SIF3_SCK
SIF3_START
AU_64FS_X
AU_256FS_X
SDI_AUDIO_R_3/4
SDI_AUDIO_R_1/2
AU_FS_X
SIF3_RES
SDI_AUDIO_R_G
AU_256FS_G
AU_FS_G
SDI_AU_MUTE_2
SDI_AU_MUTE_1
SDI_AU_MUTE_4
SDI_AU_MUTE_3
H-INT_SG_ON
SYS_RESET
H-POWER_ON_MUTE
L-AU_PLL_UNLOCK
L-D/A_MUTE
L-D/A_1/2_SAVE
L-D/A_3/4_SAVE
H-POWER_SAVE_DIS
RESET
L-SDI/DA_MUTE1
L-1/2_MUTE
L-3/4_MUTE
H-LNG_CH1_ON_LCH
H-LNG_CH2_ON_LCH
H-AFM_CH1_ON_LCH
H-AFM_CH2_ON_LCH
H-LNG_CH1_ON_RCH
H-LNG_CH2_ON_RCH
H-AFM_CH1_ON_RCH
H-AFM_CH2_ON_RCH
H-AFM_MUTE
L-METAL/H-CDIDE
L-REC_CONT
H-VIDEO_REC
H-SV_LOCK
H-METAL
H-SLOW_EQ_ON
H-ATT_ON
H-CH4_DE-EMP_ON
H-CH3_DE-EMP_ON
H-CH2_DE-EMP_ON
H-CH1_DE-EMP_ON
PB_L-PRE/H-VAR
L-NR_ON
MON_L-AFM/H-LNG
MON_L-FIX/H-VAR
H-SDI_3/4_P-SAVE
H-SDI_1/2_P-SAVE
L-SDI/DA_MUTE2
L-MANUAL
L_LIM/H-AGC
H-INT_SG_ON
H-EMP_ON
H-INPUT_ATT
AFM_POWER_SAVE1
AFM_POWER_SAVE2
CH1_H-PB/L-REC
CH2_H-PB/L-REC
CH1_H-EE/L-PB
CH2_H-EE/L-PB
H-CH1_BIAS_ON
H-CH2_BIAS_ON
AU_POWER_SAVE1
AU_POWER_SAVE2
H-CH1_REC_MUTE
H-CH2_REC_MUTE
H-CH1_PB_MUTE
H-CH2_PB_MUTE
LNG1-ANA1_ON
LNG1-ANA2_ON
LNG1-SDI1_ON
LNG1-SDI2_ON
LNG1-SDI3_ON
LNG1-SDI4_ON
LNG2-ANA1_ON
LNG2-ANA2_ON
LNG2-SDI1_ON
LNG2-SDI2_ON
LNG2-SDI3_ON
LNG2-SDI4_ON
AFM1-ANA1_ON
AFM1-ANA2_ON
AFM1-SDI1_ON
AFM1-SDI2_ON
AFM2-ANA1_ON
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AFM2-SDI3_ON
AFM2-SDI4_ON

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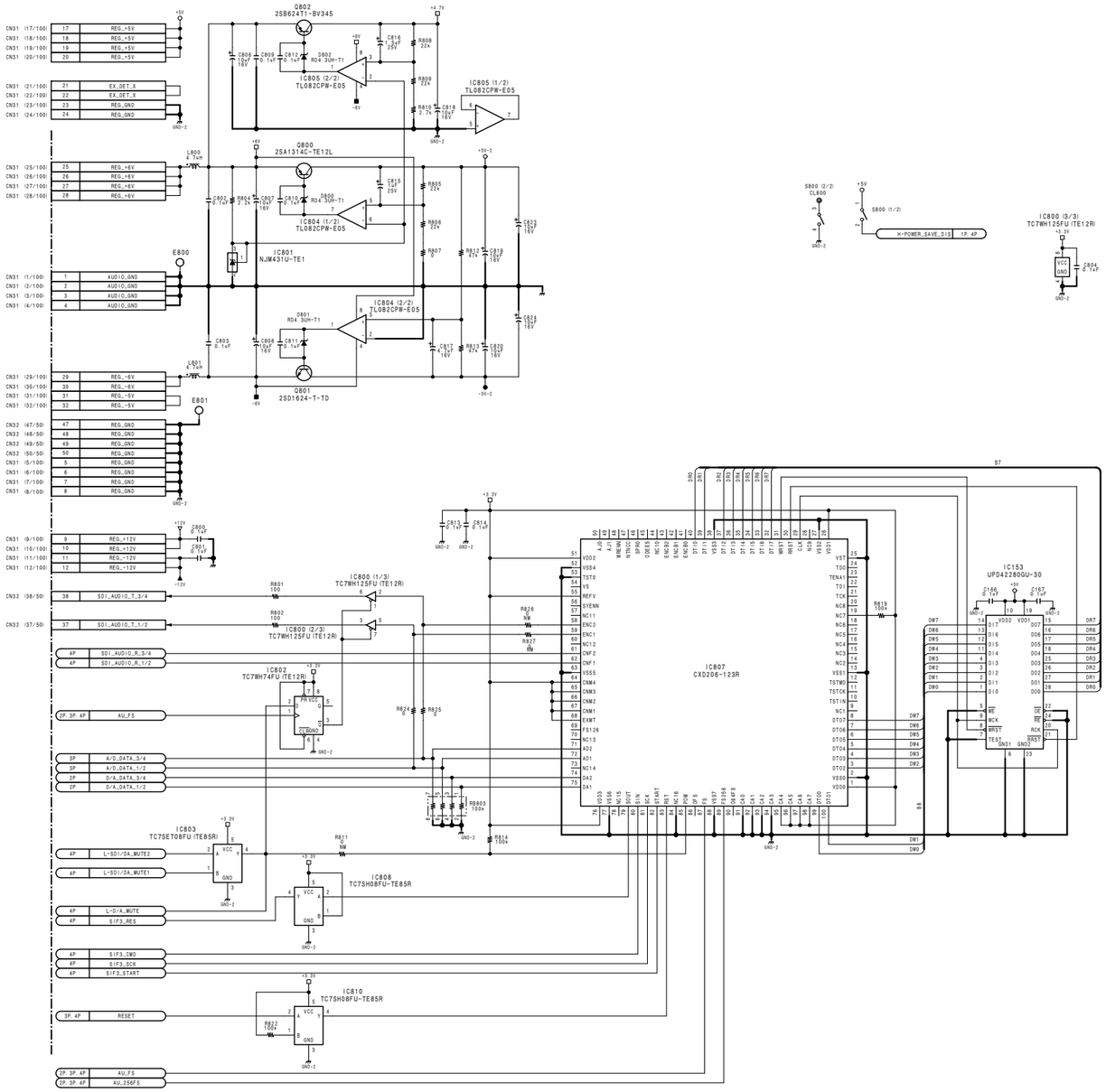


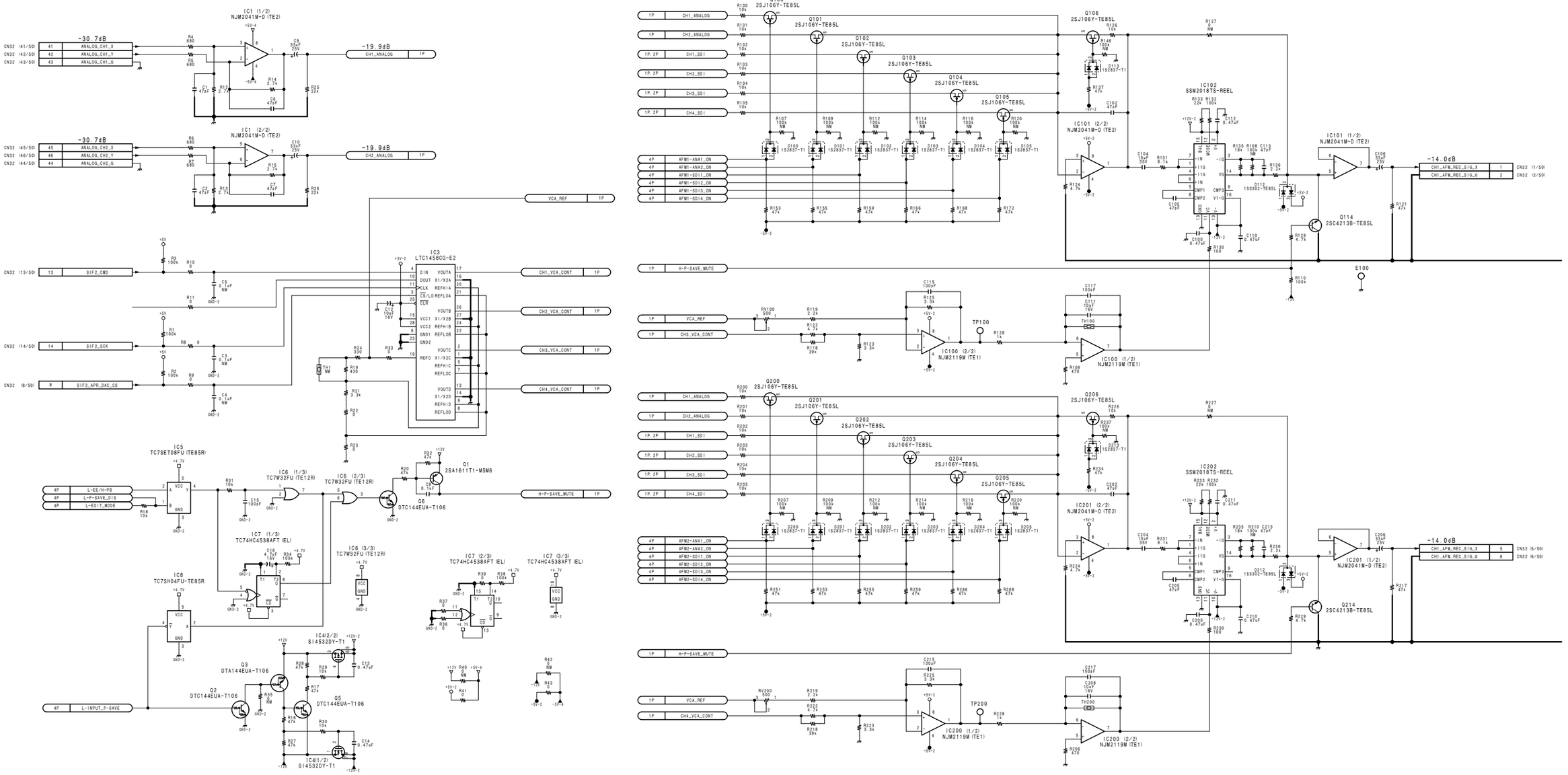
AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42 (4/4)

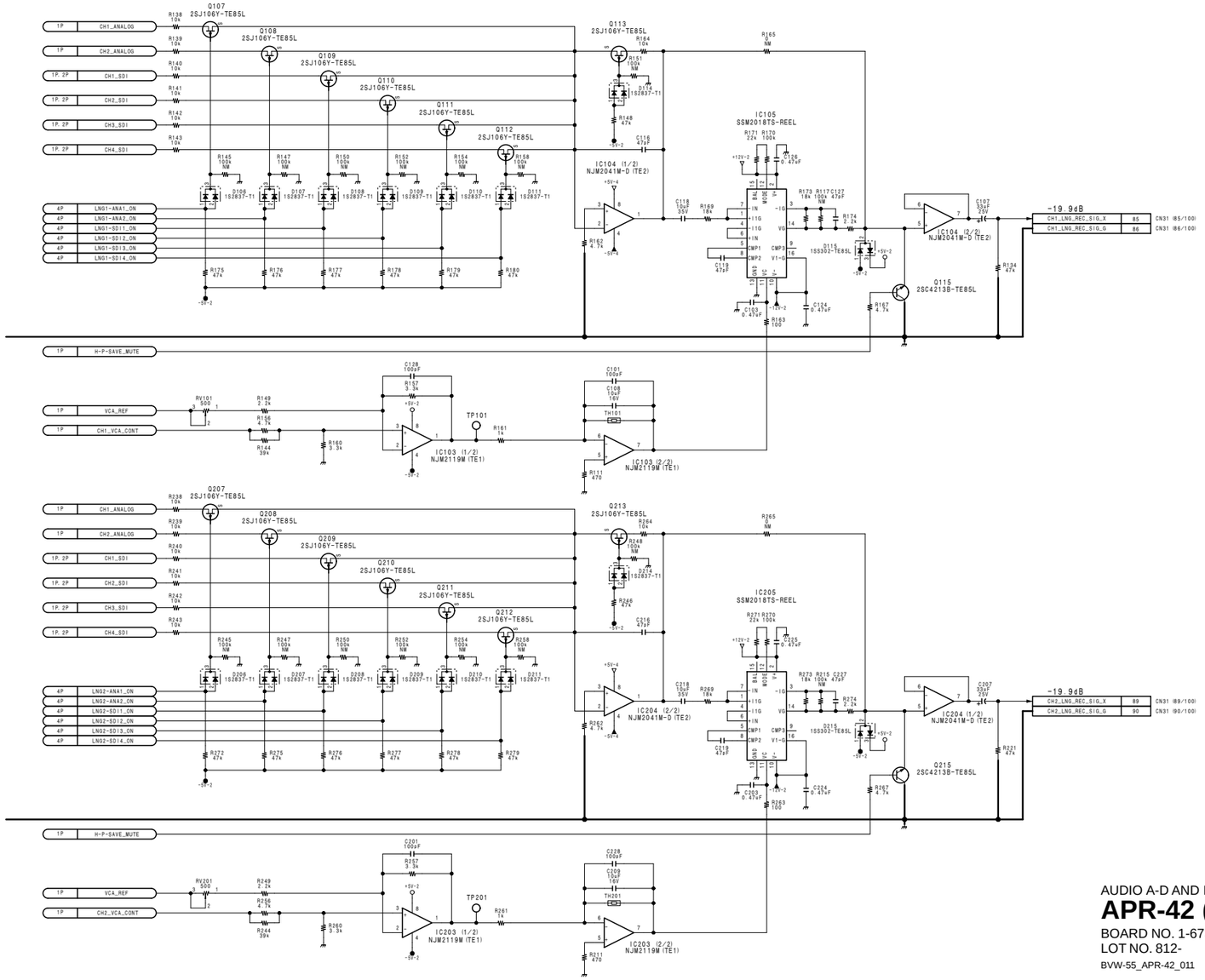
BOARD NO. 1-673-524-12
LOT NO. 904-

BVW-55_APR-42_002

APR-42 (1/4)



4-8 (a) 4-8 (a)



AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

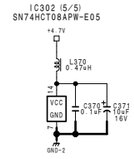
APR-42 (1/4)

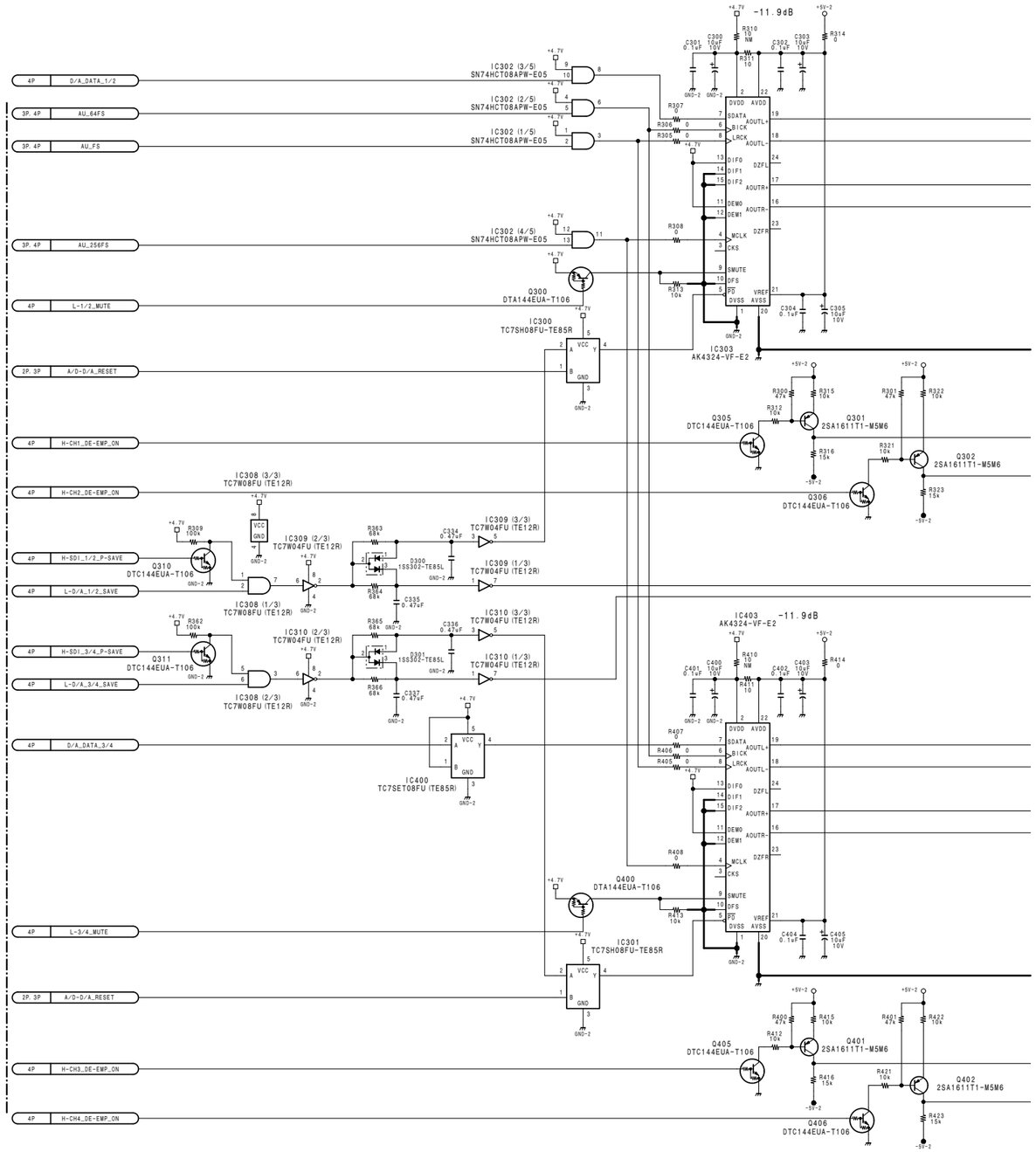
BOARD NO. 1-673-524-11
LOT NO. 812-

BVW-55_APR-42_011

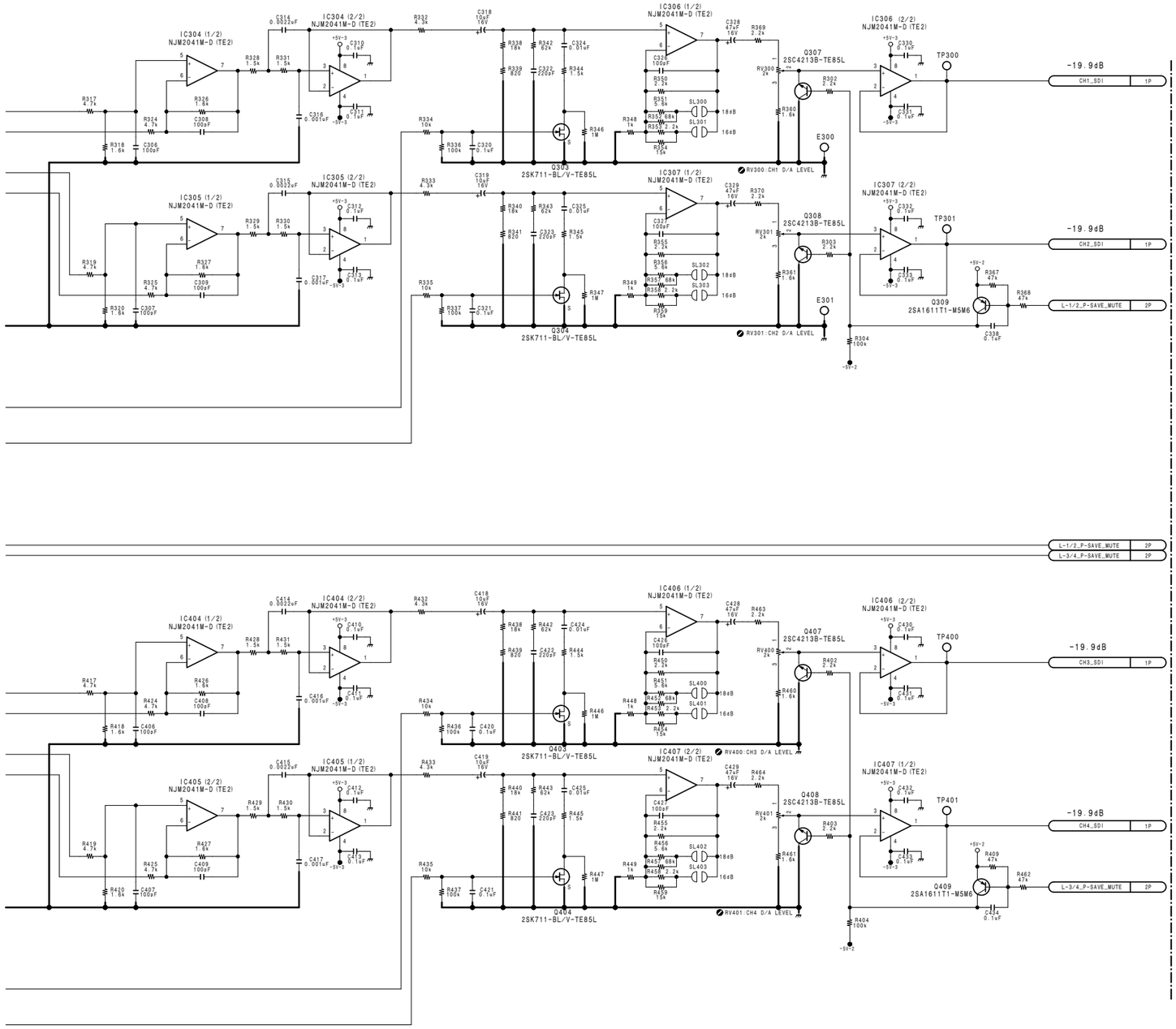
I J K L M N O P

APR-42 (2/4)





4-10 (a)



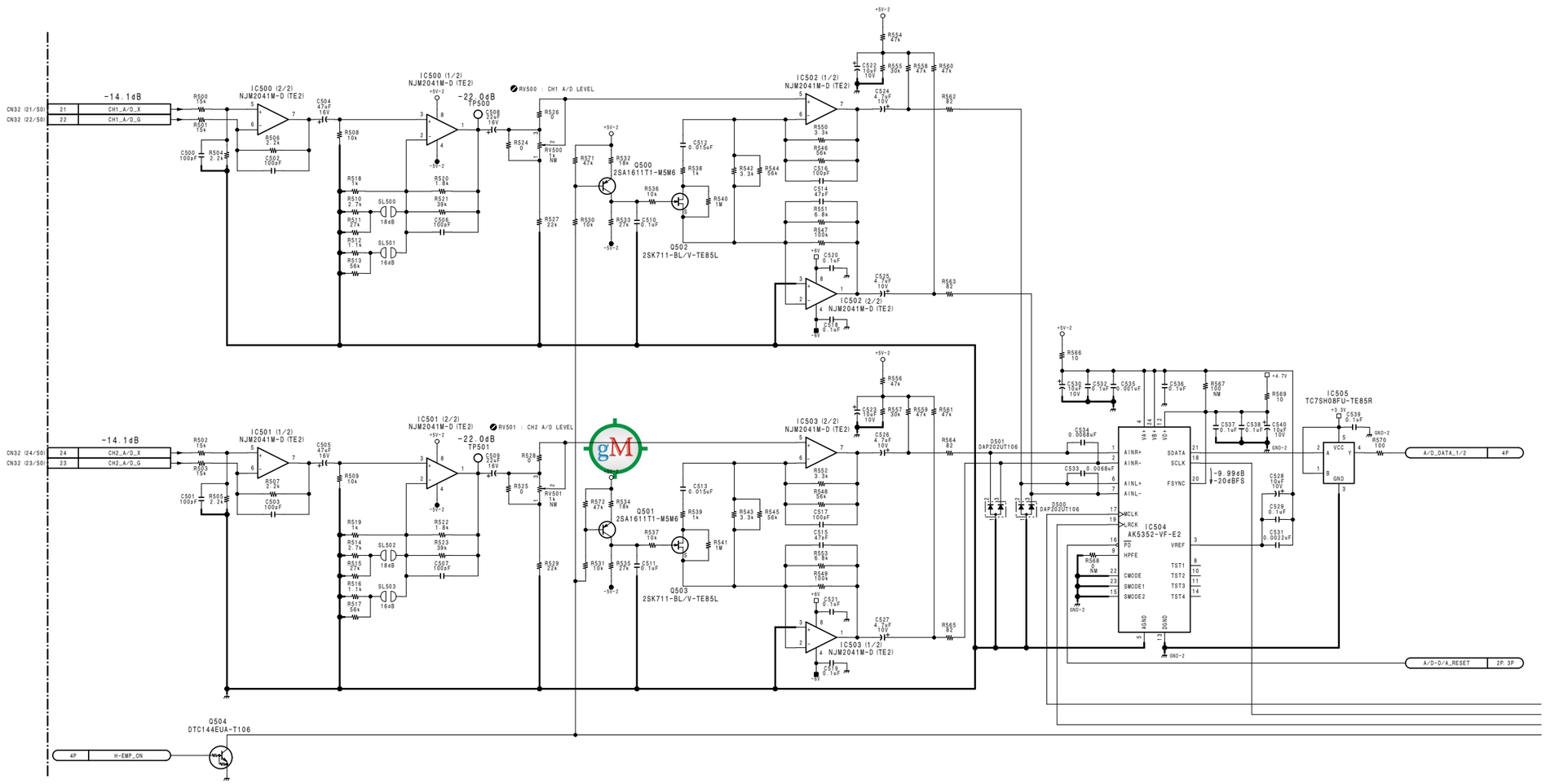
AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42 (2/4)

BOARD NO. 1-673-524-11
LOT NO. 812-

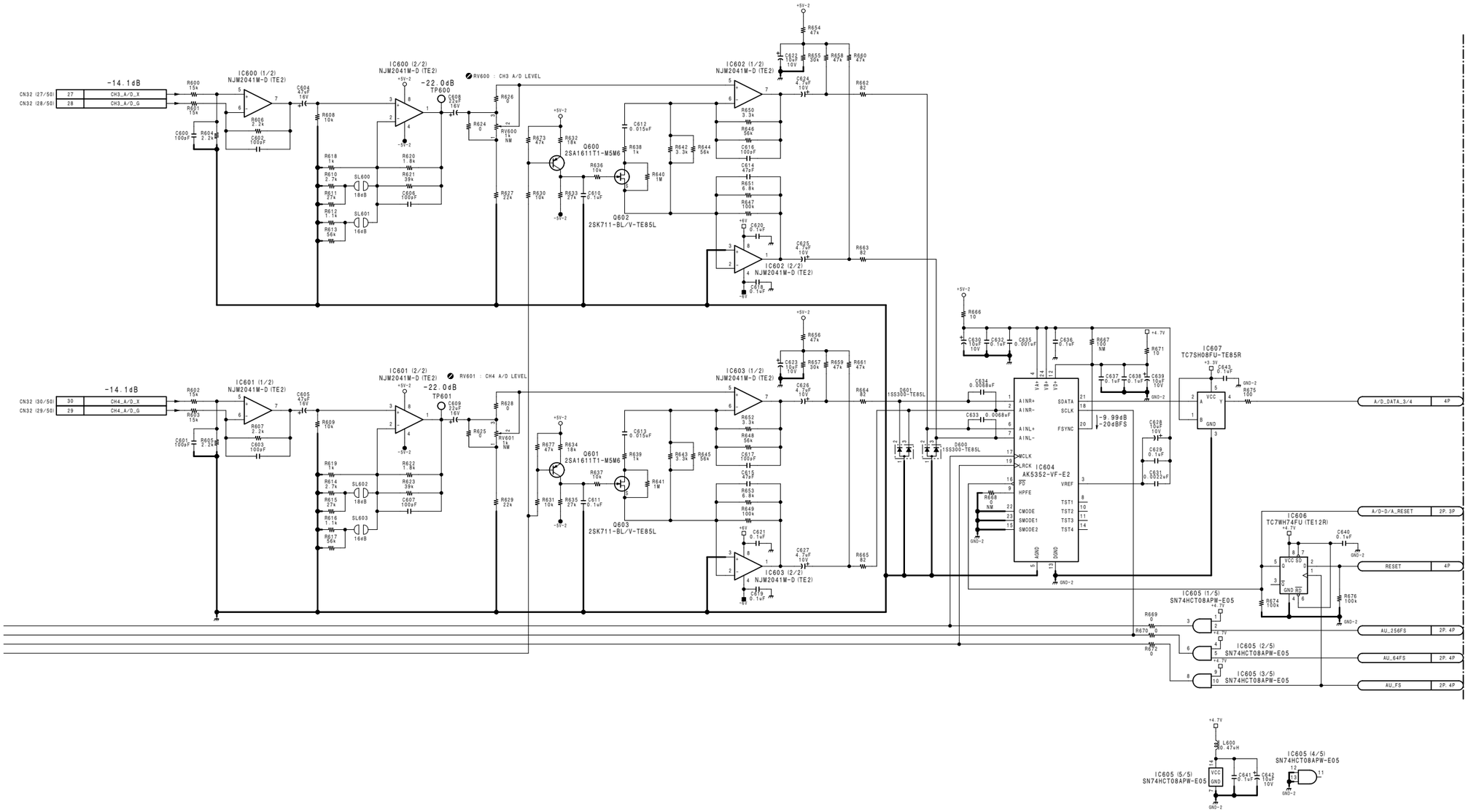
BVW-55_APR-42_011

APR-42 (3/4)



4-12 (a)

4-12 (a)



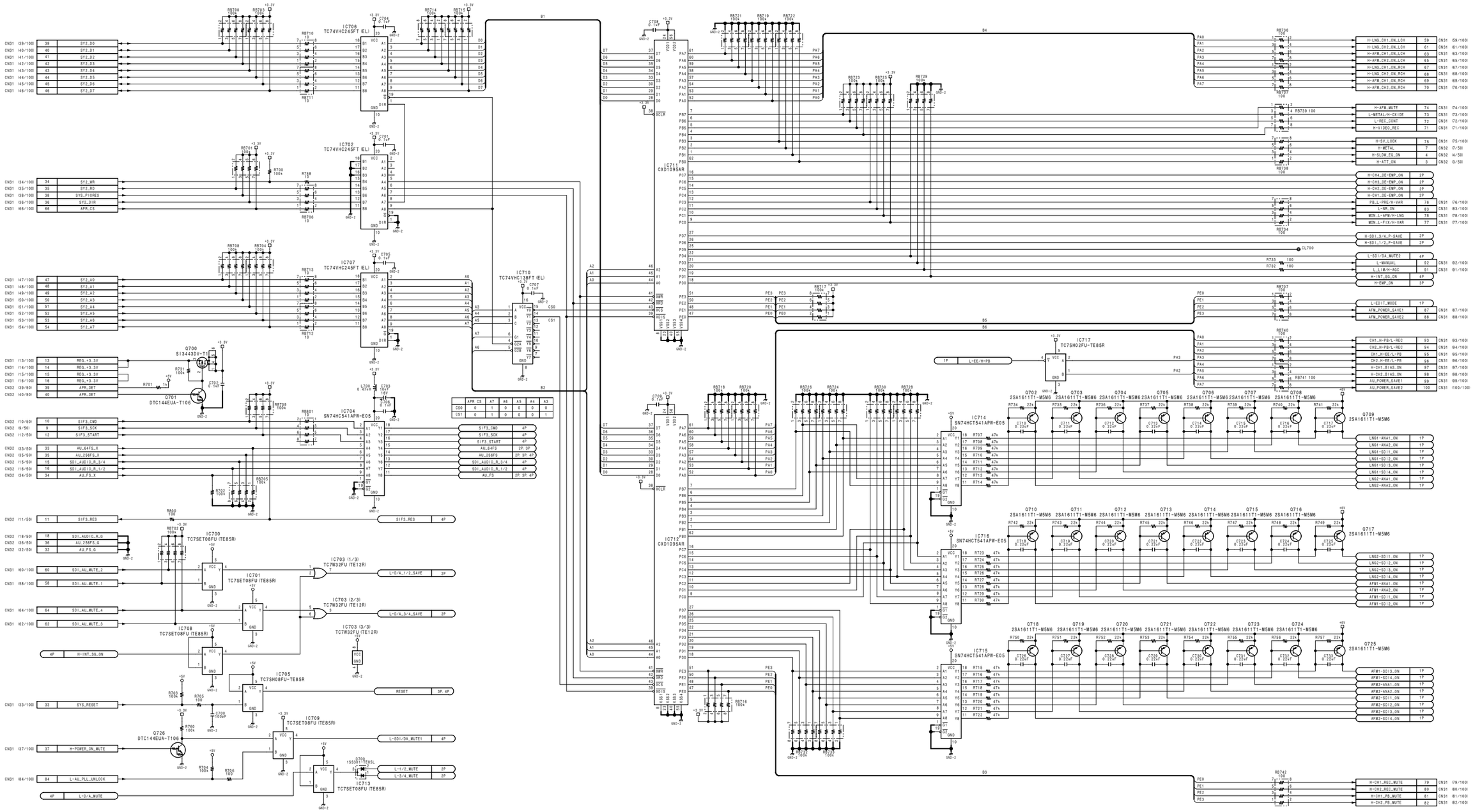
AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42 (3/4)

BOARD NO. 1-673-524-11
LOT NO. 812-

BVW-55_APR-42_011

APR-42 (4/4)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IC702 TC74VHC245FT (EL)
IC707 TC74VHC245FT (EL)
IC704 SN74HC541APW-E05
IC719 TC74VHC138FT (EL)
IC711 CXD1095AR
IC712 CXD1095AR
IC700 TC7SET08FU (TE85R)
IC701 TC7SET08FU (TE85R)
IC708 TC7SET08FU (TE85R)
IC705 TC7SH08FU-TE85R
IC709 TC7SET08FU (TE85R)
IC713 TC7SET08FU (TE85R)
IC703 (1/3) TC7W32FU (TE12R)
IC703 (2/3) TC7W32FU (TE12R)
IC703 (3/3) TC7W32FU (TE12R)
IC717 TC7SH02FU-TE85R
IC714 SN74HCT541APW-E05
IC716 SN74HCT541APW-E05
IC715 SN74HCT541APW-E05
Q700 SI3443DV-T1
Q701 DTC144EUA-T106
Q726 DTC144EUA-T106
Q709 2SA1611T1-M5M6
Q710 2SA1611T1-M5M6
Q711 2SA1611T1-M5M6
Q712 2SA1611T1-M5M6
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Q715 2SA1611T1-M5M6
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Q721 2SA1611T1-M5M6
Q722 2SA1611T1-M5M6
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Q724 2SA1611T1-M5M6
Q725 2SA1611T1-M5M6
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SY2_D1
SY2_D2
SY2_D3
SY2_D4
SY2_D5
SY2_D6
SY2_D7
SY2_WR
SY2_RD
SYS_PIORES
SY2_DIR
APR_CS
SY2_A0
SY2_A1
SY2_A2
SY2_A3
SY2_A4
SY2_A5
SY2_A6
SY2_A7
REG_+3.3V
REG_+3.3V
REG_+3.3V
REG_+3.3V
APR_DET
APR_DET
SIF3_CWD
SIF3_SCK
SIF3_START
SIF3_RES
AU_64FS_X
AU_256FS_X
SDI_AUDIO_R_3/4
SDI_AUDIO_R_1/2
AU_FS_X
SDI_AUDIO_R_G
AU_256FS_G
AU_FS_G
SDI_AU_MUTE_2
SDI_AU_MUTE_1
SDI_AU_MUTE_4
SDI_AU_MUTE_3
H-INT_SG_ON
SYS_RESET
H-POWER_ON_MUTE
L-AU_PLL_UNLOCK
L-D/A_MUTE
RESET
L-SDI/DA_MUTE1
L-1/2_MUTE
L-3/4_MUTE
L-D/A_1/2_SAVE
L-D/A_3/4_SAVE
H-LNG_CH1_ON_LCH
H-LNG_CH2_ON_LCH
H-AFM_CH1_ON_LCH
H-AFM_CH2_ON_LCH
H-LNG_CH1_ON_RCH
H-LNG_CH2_ON_RCH
H-AFM_CH1_ON_RCH
H-AFM_CH2_ON_RCH
H-AFM_MUTE
L-METAL/H-OXIDE
L-REC_CONT
H-VIDEO_REC
H-SV_LOCK
H-METAL
H-SLOW_EQ_ON
H-ATT_ON
H-CH4_DE-EMP_ON
H-CH3_DE-EMP_ON
H-CH2_DE-EMP_ON
H-CH1_DE-EMP_ON
PB_L-PRE/H-VAR
L-NR_ON
MON_L-AFM/H-LNG
MON_L-FIX/H-VAR
H-SDI_3/4_P-SAVE
H-SDI_1/2_P-SAVE
L-SDI/DA_MUTE2
L-MANUAL
L_LIM/H-AGC
H-INT_SG_ON
H-EMP_ON
L-EDIT_MODE
AFM_POWER_SAVE1
AFM_POWER_SAVE2
CH1_H-PB/L-REC
CH2_H-PB/L-REC
CH1_H-EE/L-PB
CH2_H-EE/L-PB
H-CH1_BIAS_ON
H-CH2_BIAS_ON
AU_POWER_SAVE1
AU_POWER_SAVE2
H-CH1_REC_MUTE
H-CH2_REC_MUTE
H-CH1_PB_MUTE
H-CH2_PB_MUTE
LNG1-ANA1_ON
LNG1-ANA2_ON
LNG1-SDI1_ON
LNG1-SDI2_ON
LNG1-SDI3_ON
LNG1-SDI4_ON
LNG2-ANA1_ON
LNG2-ANA2_ON
LNG2-SDI1_ON
LNG2-SDI2_ON
LNG2-SDI3_ON
LNG2-SDI4_ON
AFM1-ANA1_ON
AFM1-ANA2_ON
AFM1-SDI1_ON
AFM1-SDI2_ON
AFM1-SDI3_ON
AFM1-SDI4_ON
AFM2-ANA1_ON
AFM2-ANA2_ON
AFM2-SDI1_ON
AFM2-SDI2_ON
AFM2-SDI3_ON
AFM2-SDI4_ON
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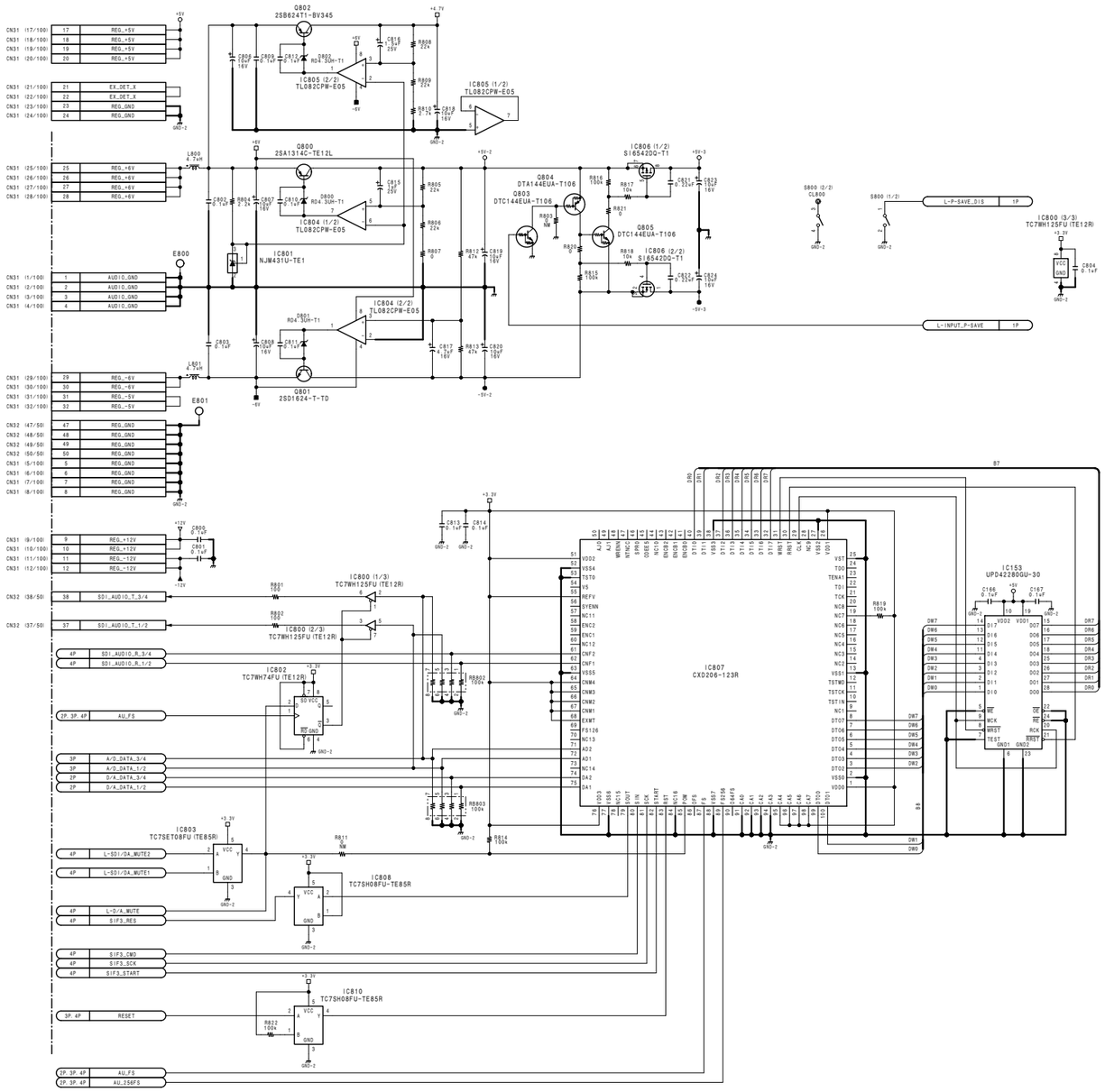
CS0 0 1 0 0 0 0
CS1 0 1 0 0 0 1
B1
B2
B3
B4
B5
B6
CL700

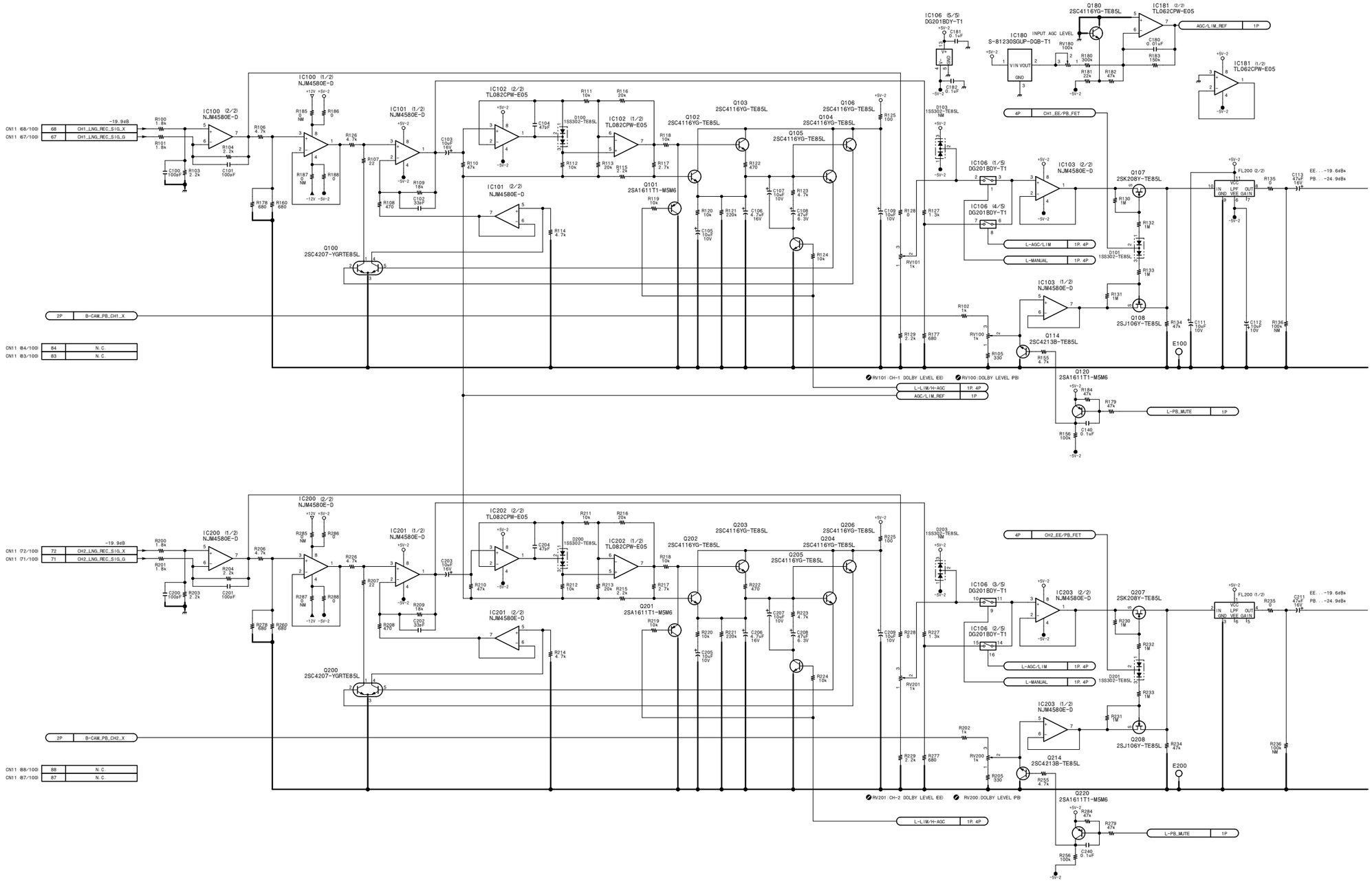


AUDIO A-D AND D-A, REC AUDIO LEVEL CONTROL

APR-42 (4/4)

BOARD NO. 1-673-524-11
LOT NO. 812-
BVW-55_APR-42_011

AU-262 (1/4)


IC100 (1/2) NJM4580E-D
IC100 (2/2) NJM4580E-D
IC101 (1/2) NJM4580E-D
IC101 (2/2) NJM4580E-D
IC102 (2/2) TL082CPW-E05
IC102 (1/2) TL082CPW-E05
IC106 (5/5) DG201BDY-T1
IC180 S-81230SGUP-DQB-T1
IC181 (2/2) TL062CPW-E05
IC181 (1/2) TL062CPW-E05
IC106 (1/5) DG201BDY-T1
IC103 (2/2) NJM4580E-D
IC106 (4/5) DG201BDY-T1
IC103 (1/2) NJM4580E-D
IC106 (3/5) DG201BDY-T1
IC203 (2/2) NJM4580E-D
IC106 (2/5) DG201BDY-T1
IC203 (1/2) NJM4580E-D
Q100 2SC4207-YGRTE85L
Q101 2SA1611T1-M5M6
Q102 2SC4116YG-TE85L
Q103 2SC4116YG-TE85L
Q104 2SC4116YG-TE85L
Q105 2SC4116YG-TE85L
Q106 2SC4116YG-TE85L
Q180 2SC4116YG-TE85L
Q107 2SK208Y-TE85L
Q108 2SJ106Y-TE85L
Q114 2SC4213B-TE85L
Q120 2SA1611T1-M5M6
Q200 2SC4207-YGRTE85L
Q201 2SA1611T1-M5M6
Q202 2SC4116YG-TE85L
Q203 2SC4116YG-TE85L
Q204 2SC4116YG-TE85L
Q205 2SC4116YG-TE85L
Q206 2SC4116YG-TE85L
Q207 2SK208Y-TE85L
Q208 2SJ106Y-TE85L
Q214 2SC4213B-TE85L
Q220 2SA1611T1-M5M6
D100 1SS302-TE85L
D101 1SS302-TE85L
D103 1SS302-TE85L NM
D200 1SS302-TE85L
D201 1SS302-TE85L
D203 1SS302-TE85L NM
INPUT AGC LEVEL
FL200 (1/2)
FL200 (2/2)
E100
E200
CN11 68/100I 68 CH1_LNG_REC_SIG_X
CN11 67/100I 67 CH1_LNG_REC_SIG_G
CN11 72/100I 72 CH2_LNG_REC_SIG_X
CN11 71/100I 71 CH2_LNG_REC_SIG_G
2P B-CAM_PB_CH1_X
2P B-CAM_PB_CH2_X
CN11 84/100I 84 N.C.
CN11 83/100I 83 N.C.
CN11 88/100I 88 N.C.
CN11 87/100I 87 N.C.
4P CH1_EE/PB_FET
4P CH2_EE/PB_FET
L-AGC/LIM 1P, 4P
L-MANUAL 1P, 4P
L-LIM/H-AGC 1P, 4P
AGC/LIM_REF 1P
L-PB_MUTE 1P
RV101 : CH-1 DOLBY LEVEL (EE)
RV100 : DOLBY LEVEL (PB)
RV201 : CH-2 DOLBY LEVEL (EE)
RV200 : DOLBY LEVEL (PB)
EE. . . -19.6dBs
PB. . . -24.9dBs

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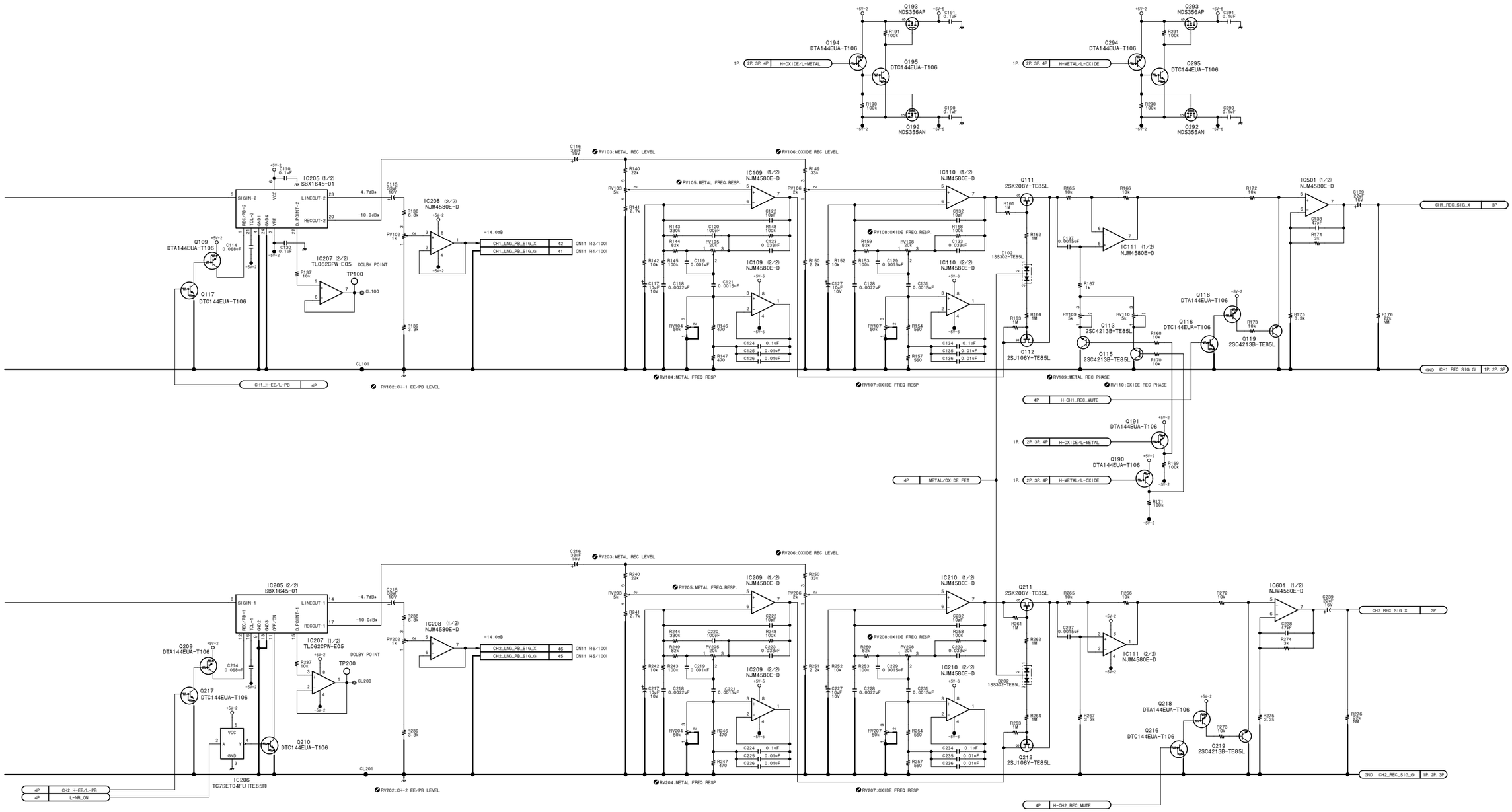
AU-262 (1/4)



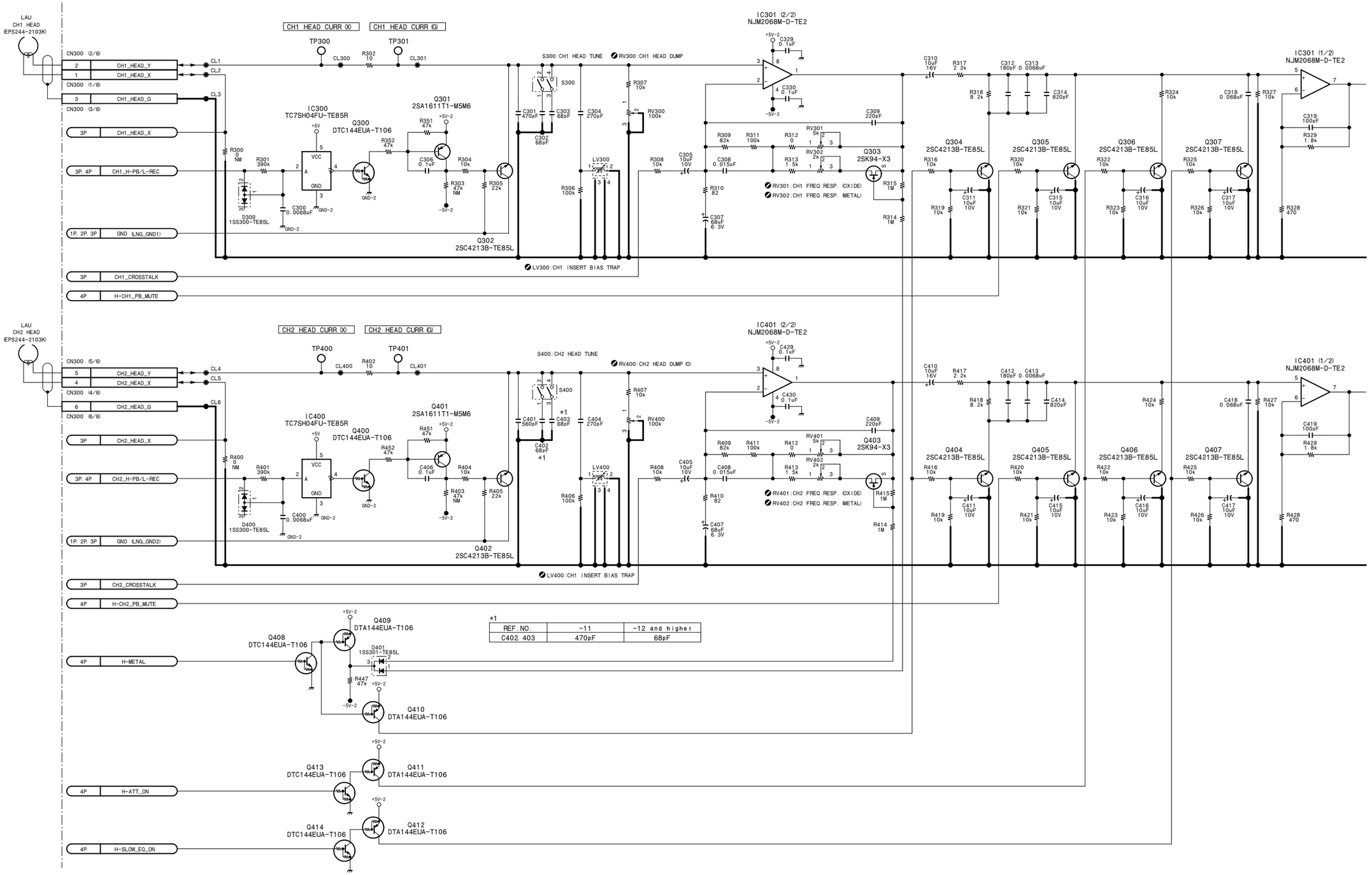
LONGITUDINAL AUDIO REC/PB

AU-262 (1/4)

BOARD NO. 1-673-525-11, 12
LOT NO. 812-

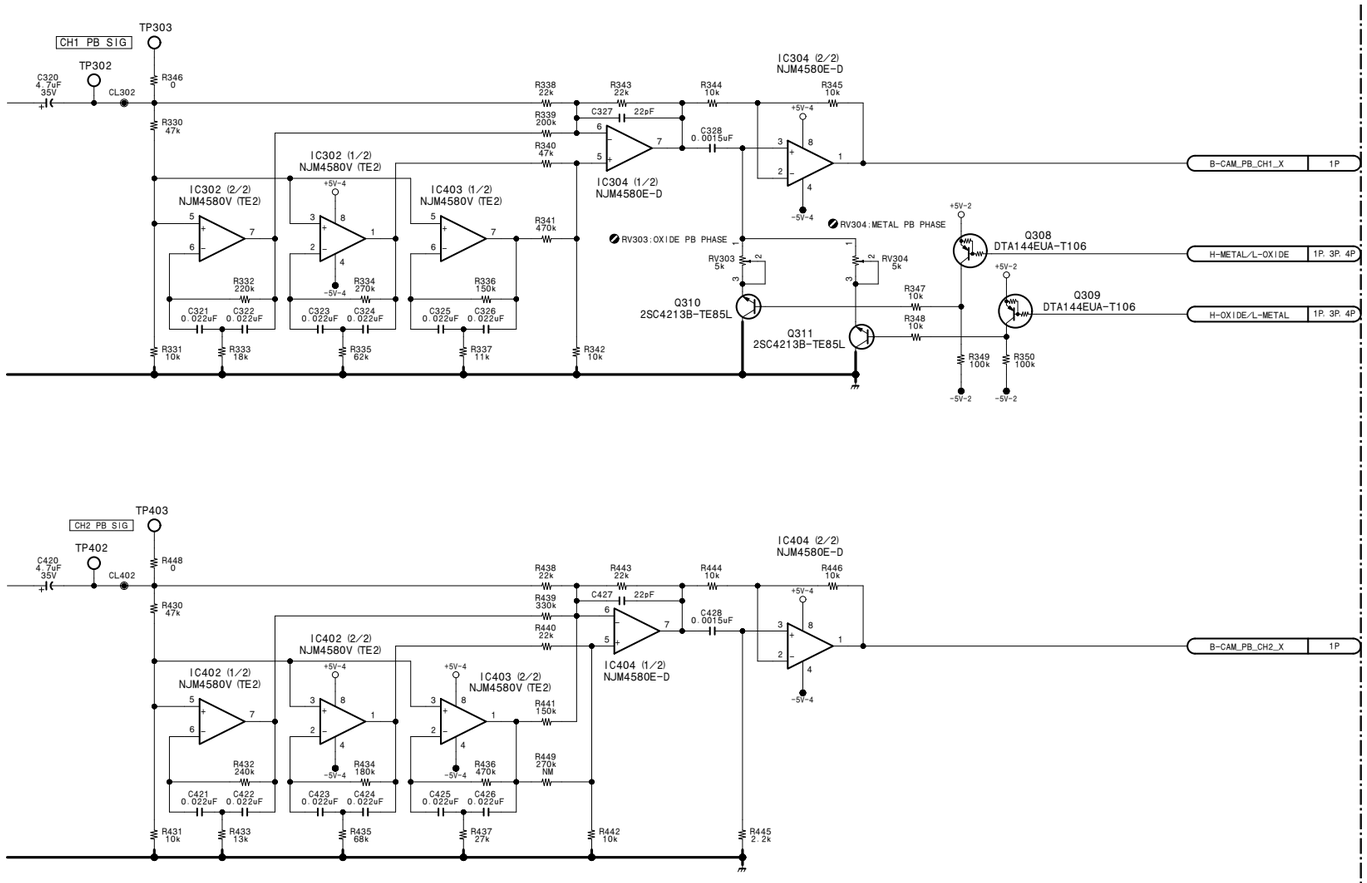
BVW-55_AU-262_012

AU-262 (2/4)



4-18

BVW-55

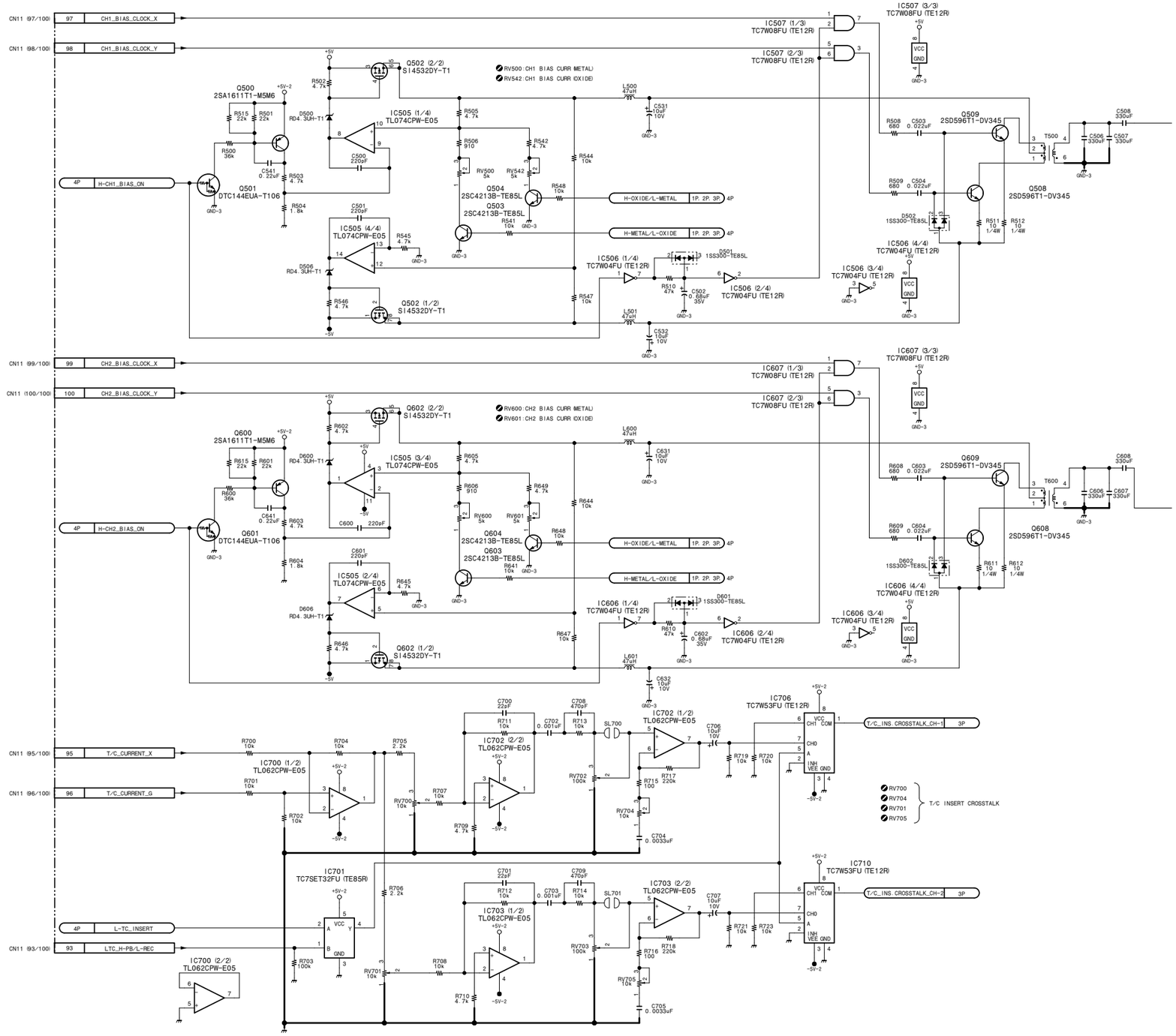


LONGITUDINAL AUDIO REC/PB

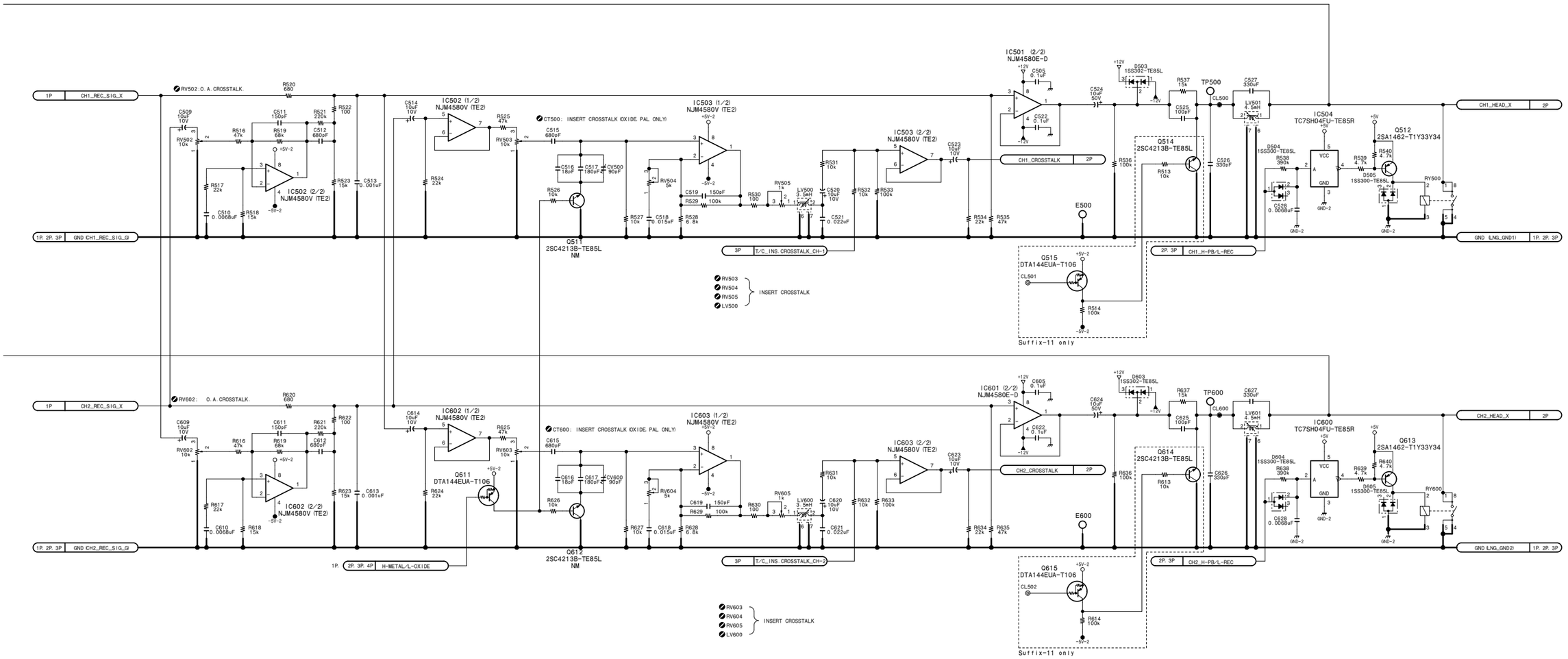
AU-262 (2/4)

BOARD NO. 1-673-525-11, 12
LOT NO. 812-
BVW-55_AU-262_012

AU-262 (3/4)


CN11 (97/100)
97 CH1_BIAS_CLOCK_X
CN11 (98/100)
98 CH1_BIAS_CLOCK_Y
4P H-CH1_BIAS_ON
Q500 2SA1611T1-M5M6
Q501 DTC144EUA-T106
Q502 (2/2) SI4532DY-T1
Q502 (1/2) SI4532DY-T1
IC505 (1/4) TL074CPW-E05
IC505 (4/4) TL074CPW-E05
Q504 2SC4213B-TE85L
Q503 2SC4213B-TE85L
RV500:CH1 BIAS CURR METAL)
RV542:CH1 BIAS CURR (OXIDE)
H-OXIDE/L-METAL 1P. 2P. 3P. 4P
H-METAL/L-OXIDE 1P. 2P. 3P. 4P
IC506 (1/4) TC7W04FU (TE12R)
IC506 (2/4) TC7W04FU (TE12R)
IC506 (3/4) TC7W04FU (TE12R)
IC506 (4/4) TC7W04FU (TE12R)
IC507 (1/3) TC7W08FU (TE12R)
IC507 (2/3) TC7W08FU (TE12R)
IC507 (3/3) TC7W08FU (TE12R)
Q509 2SD596T1-DV345
Q508 2SD596T1-DV345
T500
CN11 (99/100)
99 CH2_BIAS_CLOCK_X
CN11 (100/100)
100 CH2_BIAS_CLOCK_Y
4P H-CH2_BIAS_ON
Q600 2SA1611T1-M5M6
Q601 DTC144EUA-T106
Q602 (2/2) SI4532DY-T1
Q602 (1/2) SI4532DY-T1
IC505 (3/4) TL074CPW-E05
IC505 (2/4) TL074CPW-E05
Q604 2SC4213B-TE85L
Q603 2SC4213B-TE85L
RV600:CH2 BIAS CURR METAL)
RV601:CH2 BIAS CURR (OXIDE)
IC606 (1/4) TC7W04FU (TE12R)
IC606 (2/4) TC7W04FU (TE12R)
IC606 (3/4) TC7W04FU (TE12R)
IC606 (4/4) TC7W04FU (TE12R)
IC607 (1/3) TC7W08FU (TE12R)
IC607 (2/3) TC7W08FU (TE12R)
IC607 (3/3) TC7W08FU (TE12R)
Q609 2SD596T1-DV345
Q608 2SD596T1-DV345
T600
CN11 (95/100)
95 T/C_CURRENT_X
CN11 (96/100)
96 T/C_CURRENT_G
IC700 (1/2) TL062CPW-E05
IC700 (2/2) TL062CPW-E05
IC702 (1/2) TL062CPW-E05
IC702 (2/2) TL062CPW-E05
IC706 TC7W53FU (TE12R)
T/C_INS.CROSSTALK_CH-1 3P
RV700
RV704
RV701
RV705
T/C INSERT CROSSTALK
4P L-TC_INSERT
CN11 (93/100)
93 LTC_H-PB/L-REC
IC701 TC7SET32FU (TE85R)
IC700 (2/2) TL062CPW-E05
IC703 (1/2) TL062CPW-E05
IC703 (2/2) TL062CPW-E05
IC710 TC7W53FU (TE12R)
T/C_INS.CROSSTALK_CH-2 3P

4-20



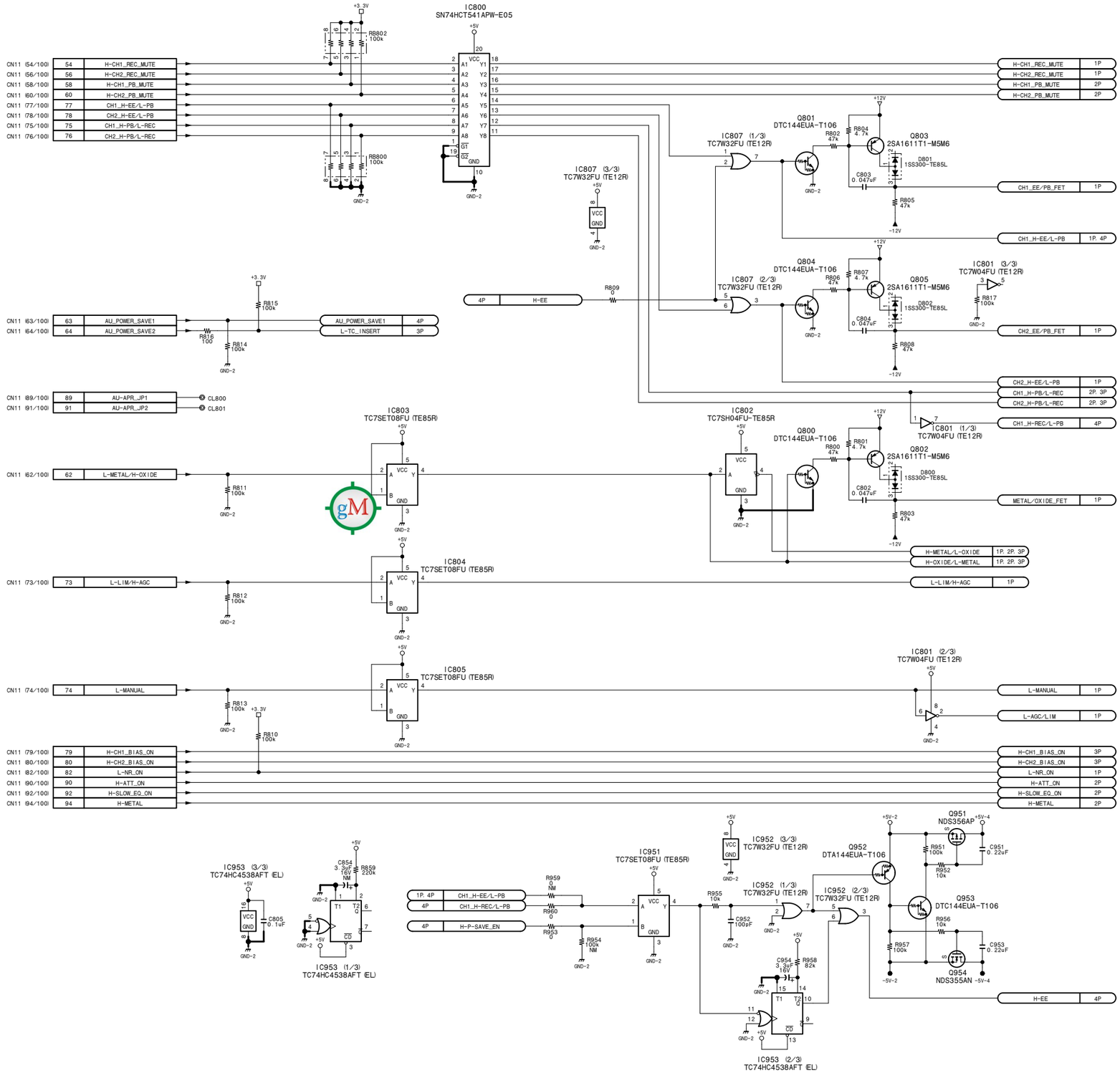
LONGITUDINAL AUDIO REC/PB

AU-262 (3/4)

BOARD NO. 1-673-525-11, 12
LOT NO. 812-

BVW-55_AU-262_012

AU-262 (4/4)


IC800
SN74HCT541APW-E05
CN11 (54/100) 54 H-CH1_REC_MUTE
CN11 (56/100) 56 H-CH2_REC_MUTE
CN11 (58/100) 58 H-CH1_PB_MUTE
CN11 (60/100) 60 H-CH2_PB_MUTE
CN11 (77/100) 77 CH1_H-EE/L-PB
CN11 (78/100) 78 CH2_H-EE/L-PB
CN11 (75/100) 75 CH1_H-PB/L-REC
CN11 (76/100) 76 CH2_H-PB/L-REC
RB802 100k
RB800 100k
H-CH1_REC_MUTE 1P
H-CH2_REC_MUTE 1P
H-CH1_PB_MUTE 2P
H-CH2_PB_MUTE 2P
IC807 (1/3) TC7W32FU (TE12R)
IC807 (3/3) TC7W32FU (TE12R)
IC807 (2/3) TC7W32FU (TE12R)
Q801 DTC144EUA-T106
Q803 2SA1611T1-M5M6
Q804 DTC144EUA-T106
Q805 2SA1611T1-M5M6
CH1_EE/PB_FET 1P
CH1_H-EE/L-PB 1P, 4P
CH2_EE/PB_FET 1P
CH2_H-EE/L-PB 1P
CH1_H-PB/L-REC 2P, 3P
CH2_H-PB/L-REC 2P, 3P
4P H-EE
R809 0
CN11 (63/100) 63 AU_POWER_SAVE1
CN11 (64/100) 64 AU_POWER_SAVE2
AU_POWER_SAVE1 4P
L-TC_INSERT 3P
R815 100k
R816 100
R814 100k
CN11 (89/100) 89 AU-APR_JP1
CN11 (91/100) 91 AU-APR_JP2
CL800
CL801
IC803
TC7SET08FU (TE85R)
CN11 (62/100) 62 L-METAL/H-OXIDE
R811 100k
IC802
TC7SH04FU-TE85R
Q800 DTC144EUA-T106
Q802 2SA1611T1-M5M6
IC801 (1/3) TC7W04FU (TE12R)
CH1_H-REC/L-PB 4P
METAL/OXIDE_FET 1P
H-METAL/L-OXIDE 1P, 2P, 3P
H-OXIDE/L-METAL 1P, 2P, 3P
IC804
TC7SET08FU (TE85R)
CN11 (73/100) 73 L-LIM/H-AGC
R812 100k
L-LIM/H-AGC 1P
IC805
TC7SET08FU (TE85R)
CN11 (74/100) 74 L-MANUAL
R813 100k
R810 100k
IC801 (2/3) TC7W04FU (TE12R)
L-MANUAL 1P
L-AGC/LIM 1P
CN11 (79/100) 79 H-CH1_BIAS_ON
CN11 (80/100) 80 H-CH2_BIAS_ON
CN11 (82/100) 82 L-NR_ON
CN11 (90/100) 90 H-ATT_ON
CN11 (92/100) 92 H-SLOW_EQ_ON
CN11 (94/100) 94 H-METAL
H-CH1_BIAS_ON 3P
H-CH2_BIAS_ON 3P
L-NR_ON 1P
H-ATT_ON 2P
H-SLOW_EQ_ON 2P
H-METAL 2P
IC953 (3/3) TC74HC4538AFT (EL)
C805 0.1uF
IC953 (1/3) TC74HC4538AFT (EL)
C854 3.3uF 16V NM
R859 220k
1P, 4P CH1_H-EE/L-PB
4P CH1_H-REC/L-PB
4P H-P-SAVE_EN
R959 0 NM
R960 0
R953 0
R954 100k NM
IC951 TC7SET08FU (TE85R)
IC952 (3/3) TC7W32FU (TE12R)
IC952 (1/3) TC7W32FU (TE12R)
IC952 (2/3) TC7W32FU (TE12R)
R955 10k
C952 100pF
Q952 DTA144EUA-T106
Q951 NDS356AP
Q953 DTC144EUA-T106
Q954 NDS355AN
R951 100k
R952 10k
R956 10k
R957 100k
C951 0.22uF
C953 0.22uF
C954 3.3uF 16V
R958 82k
IC953 (2/3) TC74HC4538AFT (EL)
H-EE 4P

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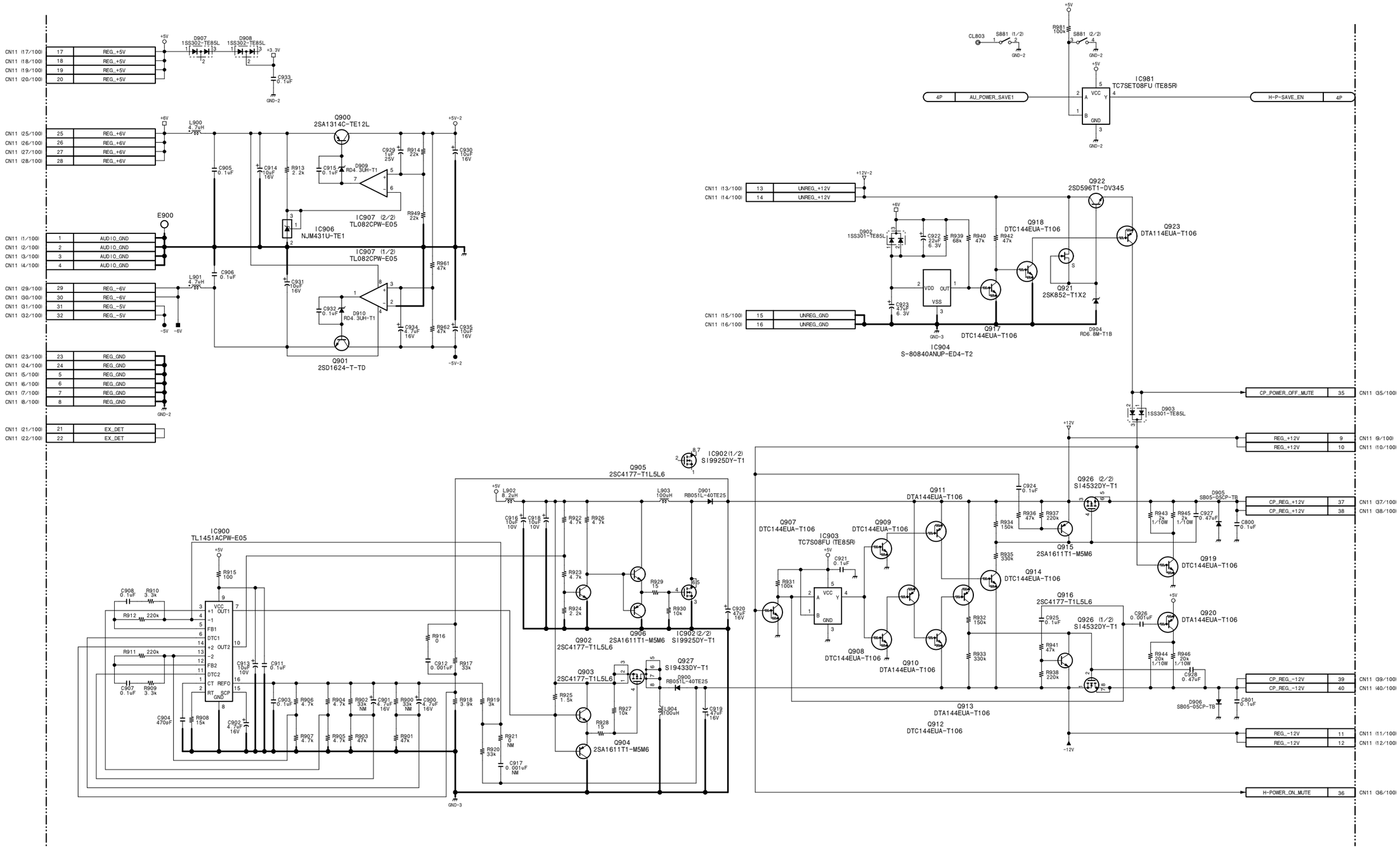
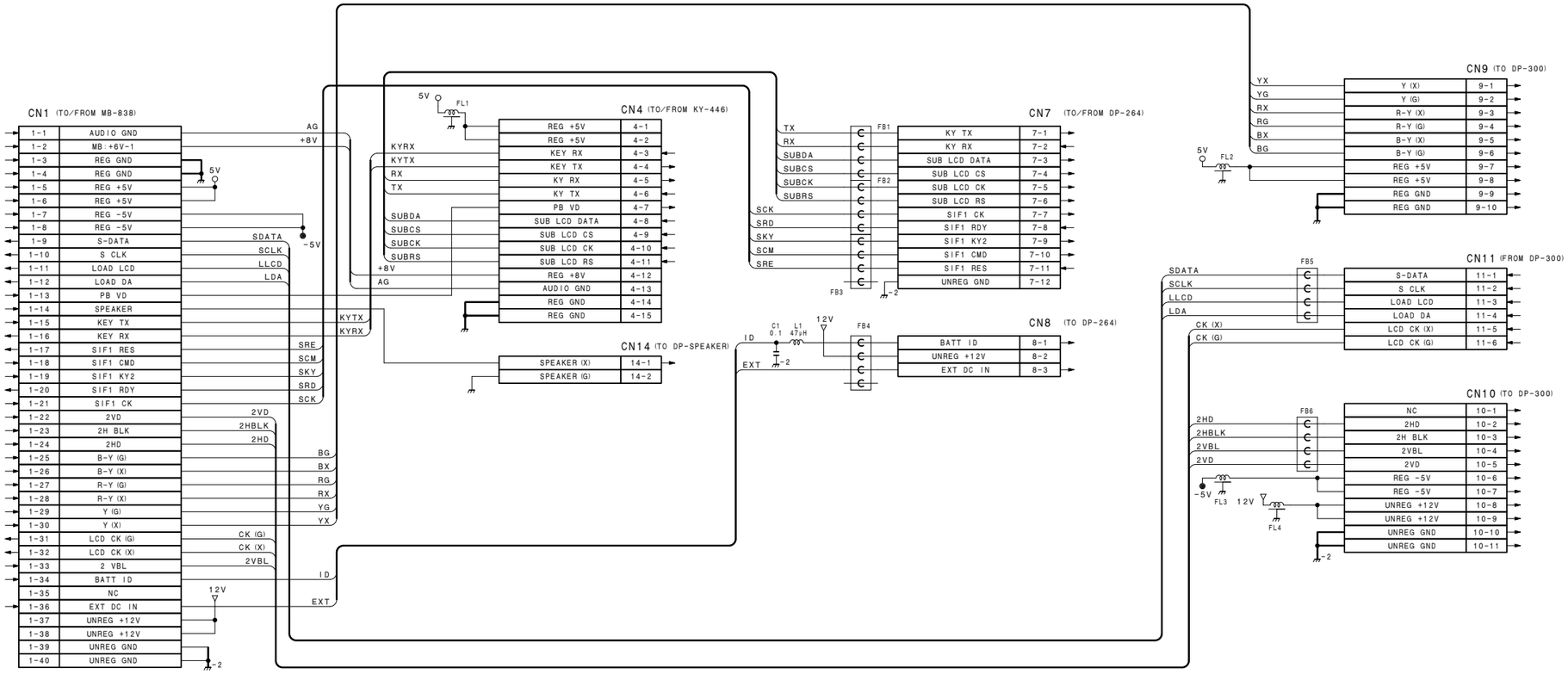
AU-262 (4/4)



LONGITUDINAL AUDIO REC/PB

AU-262 (4/4)

BOARD NO. 1-673-525-11, 12
LOT NO. 812-
BVW-55_AU-262_012

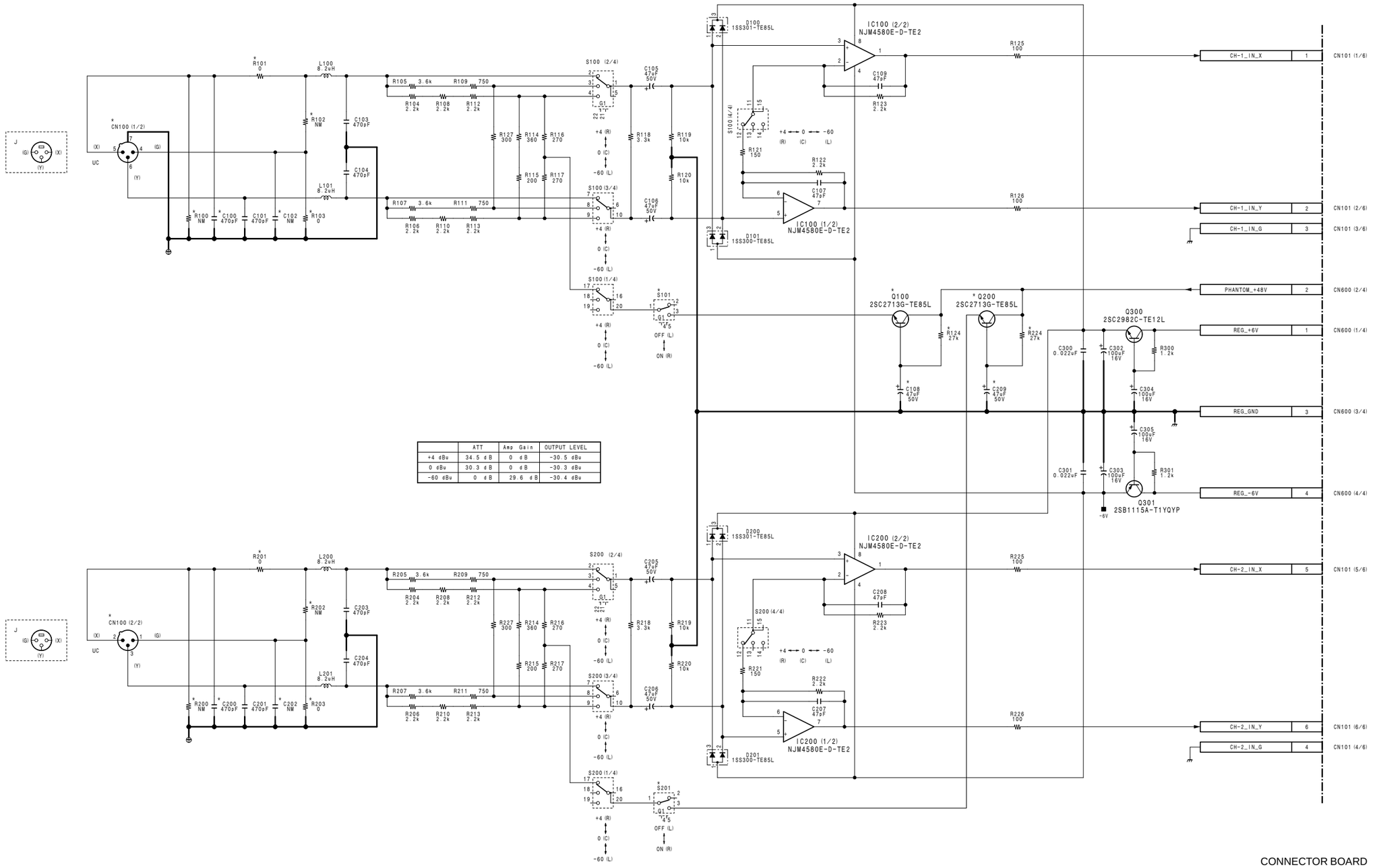


INTERCONNECTION BOARD
(MAINLY INTERCONNECTING BETWEEN UPPER FRAME AND MB-838 BOARD)

CN-1779

BOARD NO. 1-673-534-11
LOT NO. 812-

B-¥BVW55-CN1779-11@-SIEDS



	ATT	Amp Gain	OUTPUT LEVEL
+4 dBu	34.5 dB	0 dB	-30.5 dBu
0 dBu	30.3 dB	0 dB	-30.3 dBu
-60 dBu	0 dB	29.6 dB	-30.4 dBu

*

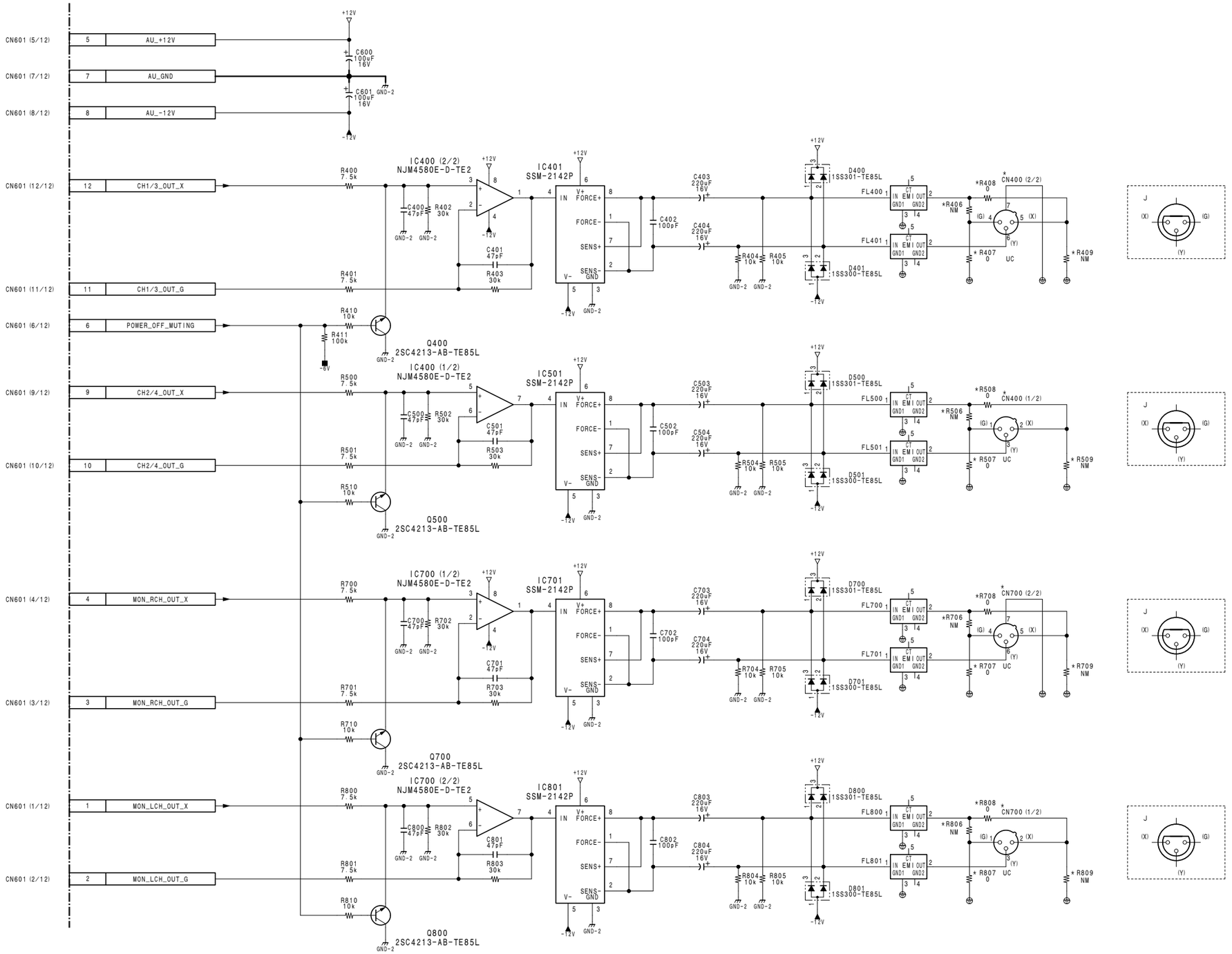
	UC MODEL	J MODEL
CN100	FEMALE	MALE
C100	470p	N.M
C102	N.M	470p
C108	47uF/50V	N.M
C200	470p	N.M
C202	N.M	470p
C209	47uF/50V	N.M
R100	N.M	0
R101	0	N.M
R102	N.M	0
R103	0	N.M
R124	27k	N.M
R200	N.M	0
R201	0	N.M
R202	N.M	0
R203	0	N.M
R224	27k	N.M
Q100	○	N.M
Q200	○	N.M
S101	○	N.M
S201	○	N.M

CONNECTOR BOARD
(AUDIO INPUT/OUTPUT, MONITOR OUTPUT)

CP-316 (1/2)

BOARD NO. 1-667-469-12, 13, 14
LOT NO. 812-
BVW-55_CP-316_013

CP-316 (2/2)



*

	UC MODEL	J MODEL
CN400	MALE	FEMALE
CN700	MALE	FEMALE
R406	N`M	0
R407	0	N`M
R408	0	N`M
R409	N`M	0
R506	N`M	0
R507	0	N`M
R508	0	N`M
R509	N`M	0
R706	N`M	0
R707	0	N`M
R708	0	N`M
R709	N`M	0
R806	N`M	0
R807	0	N`M
R808	0	N`M
R809	N`M	0

CONNECTOR BOARD
(AUDIO INPUT/OUTPUT, MONITOR OUTPUT)

CP-316 (2/2)

BOARD NO. 1-667-469-12, 13, 14
LOT NO. 812-
BVW-55_CP-316_013

4-26

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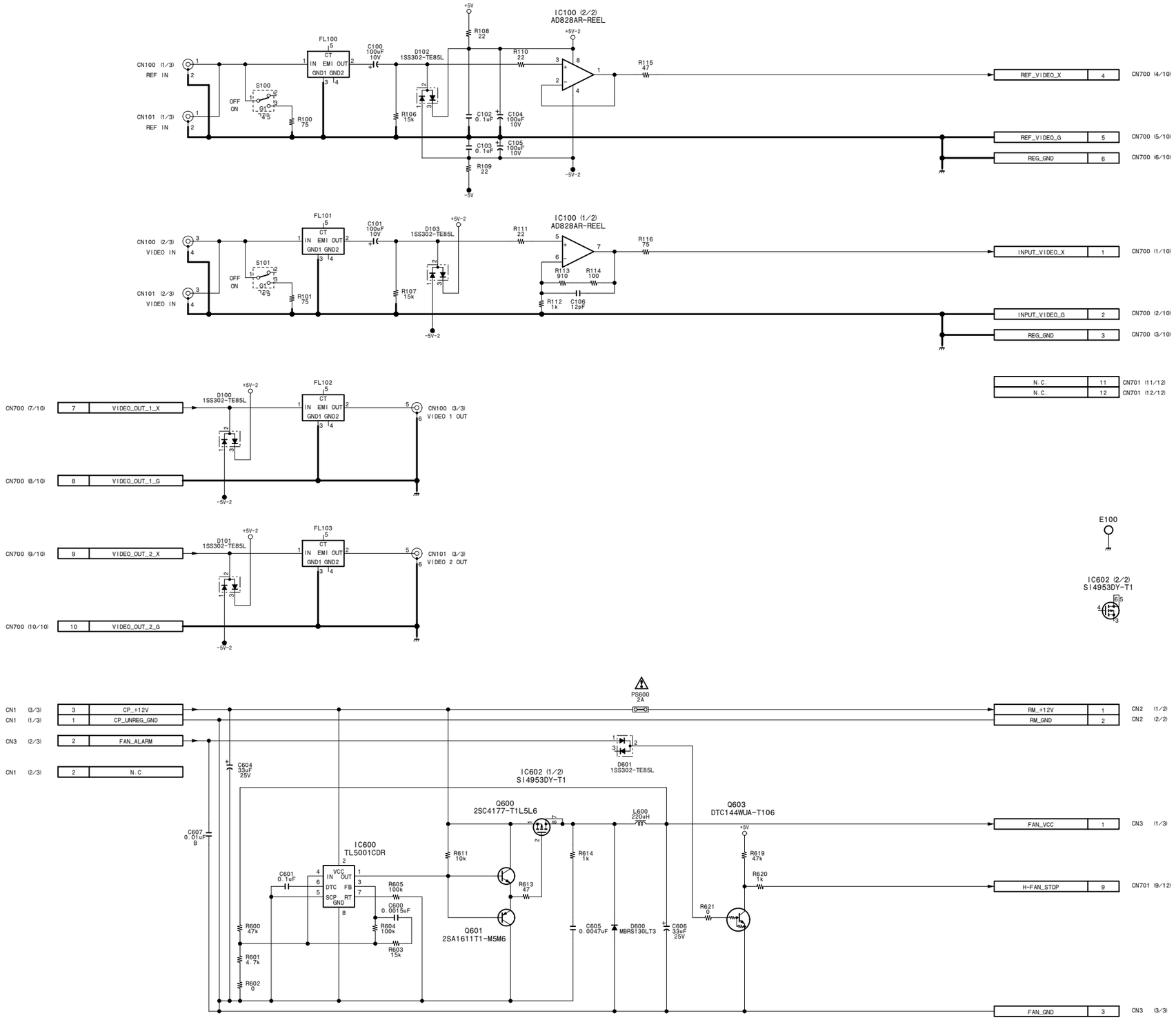


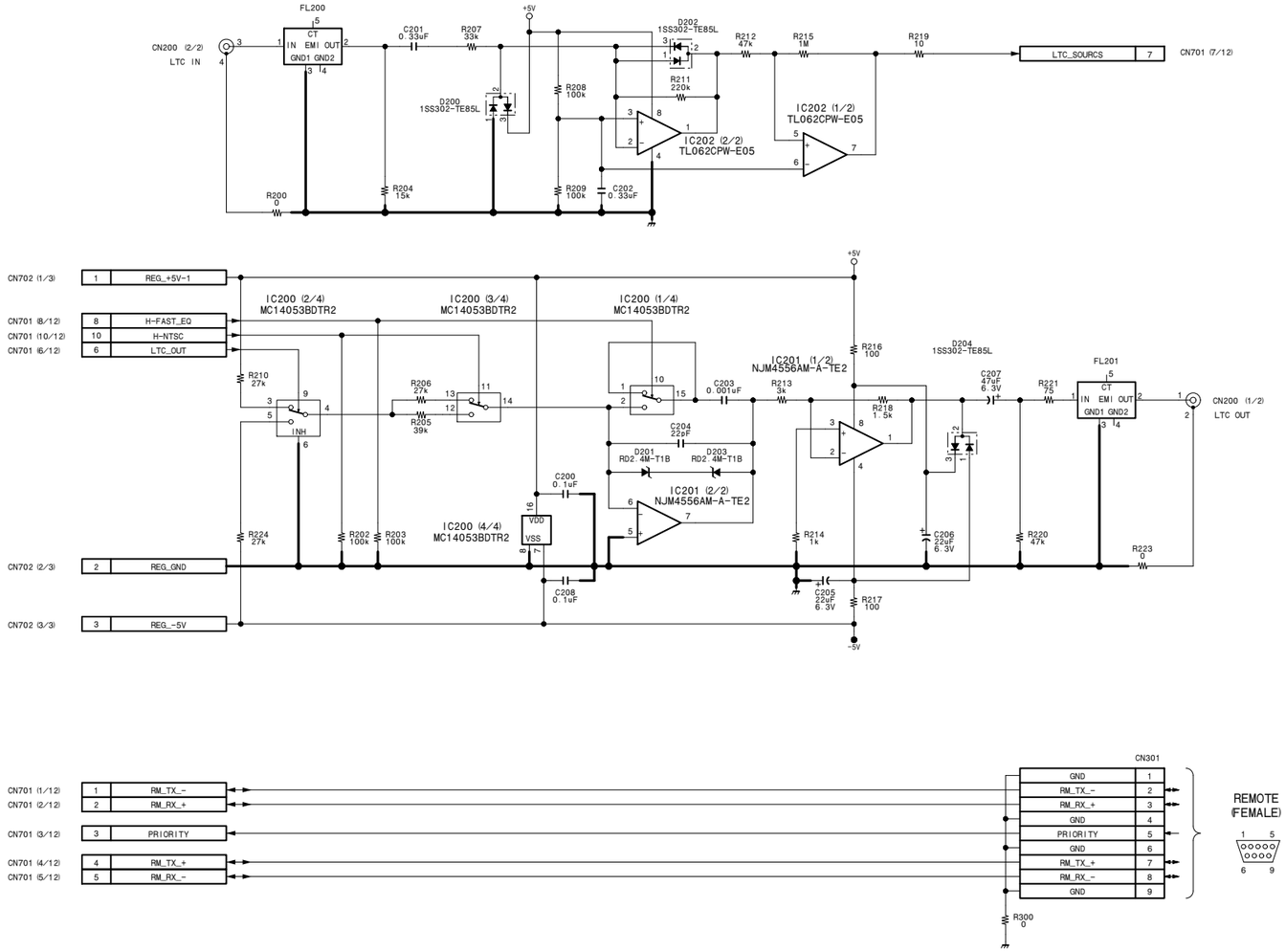
CONNECTOR BOARD
(VIDEO INPUT/OUTPUT, REF INPUT, TC INPUT/OUTPUT, REMOTE)

CP-317 (1/2)

BOARD NO. 1-667-470-15
LOT NO. 904-
BVW-55_CP-317_015

A B C D E F G H

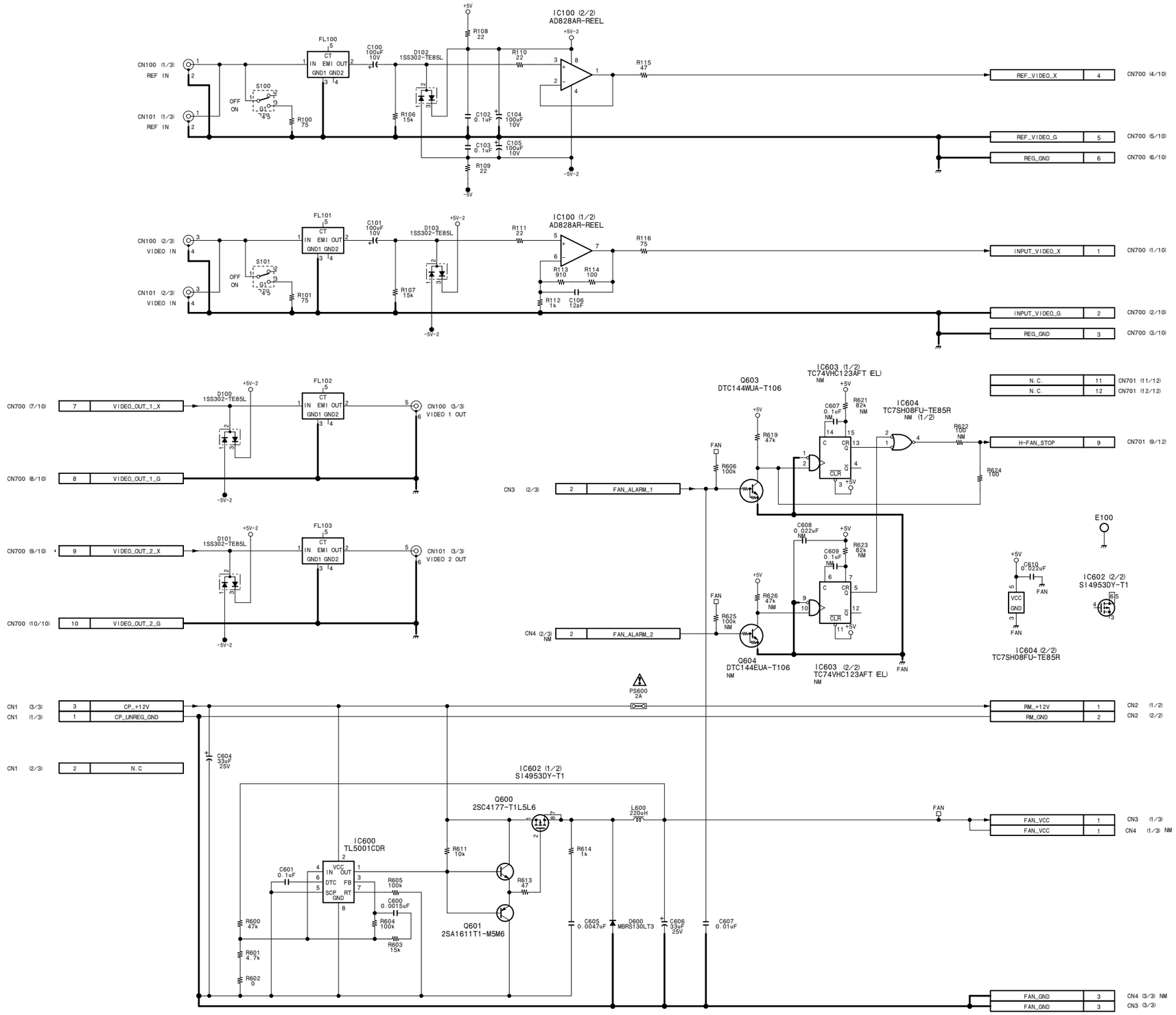
CP-317 (2/2)



CONNECTOR BOARD
(VIDEO INPUT/OUTPUT, REF INPUT, TC INPUT/OUTPUT, REMOTE)

CP-317 (2/2)

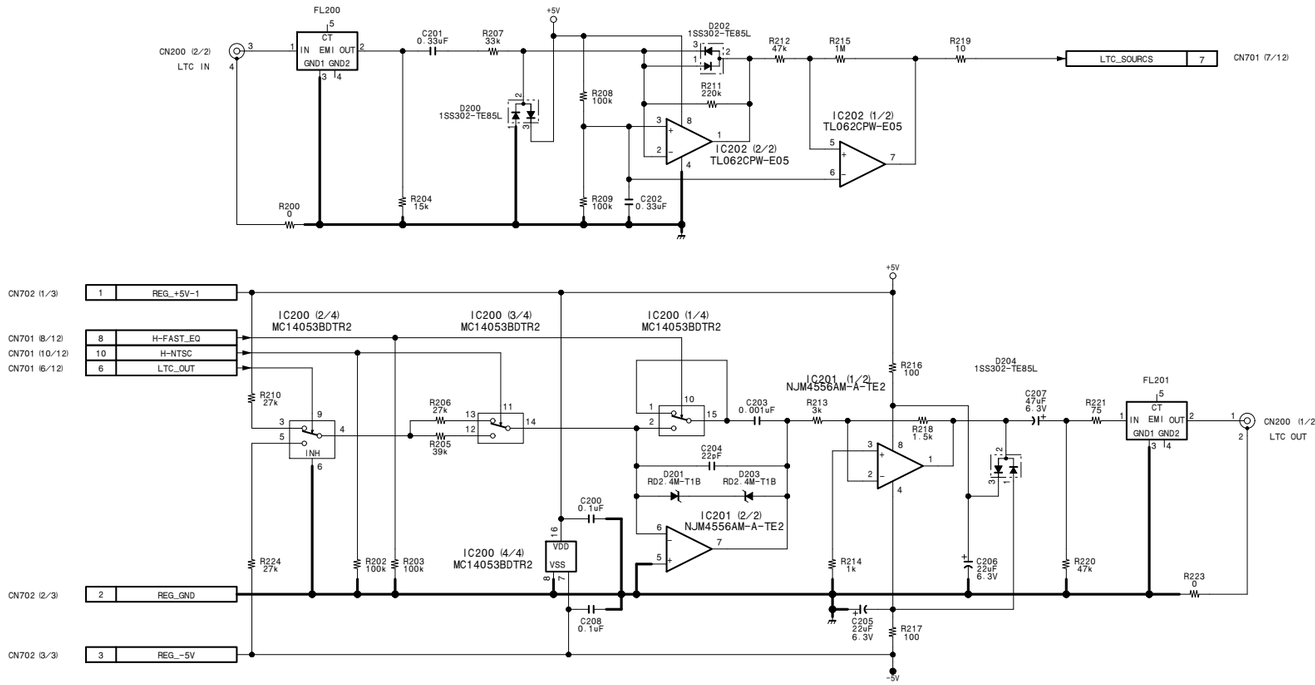
BOARD NO. 1-667-470-15
LOT NO. 904-
BVW-55_CP-317_015



CONNECTOR BOARD
(VIDEO INPUT/OUTPUT, REF INPUT, TC INPUT/OUTPUT, REMOTE)

CP-317 (1/2)

BOARD NO. 1-667-470-13, 14
LOT NO. 812-
BVW-55_CP-317_014

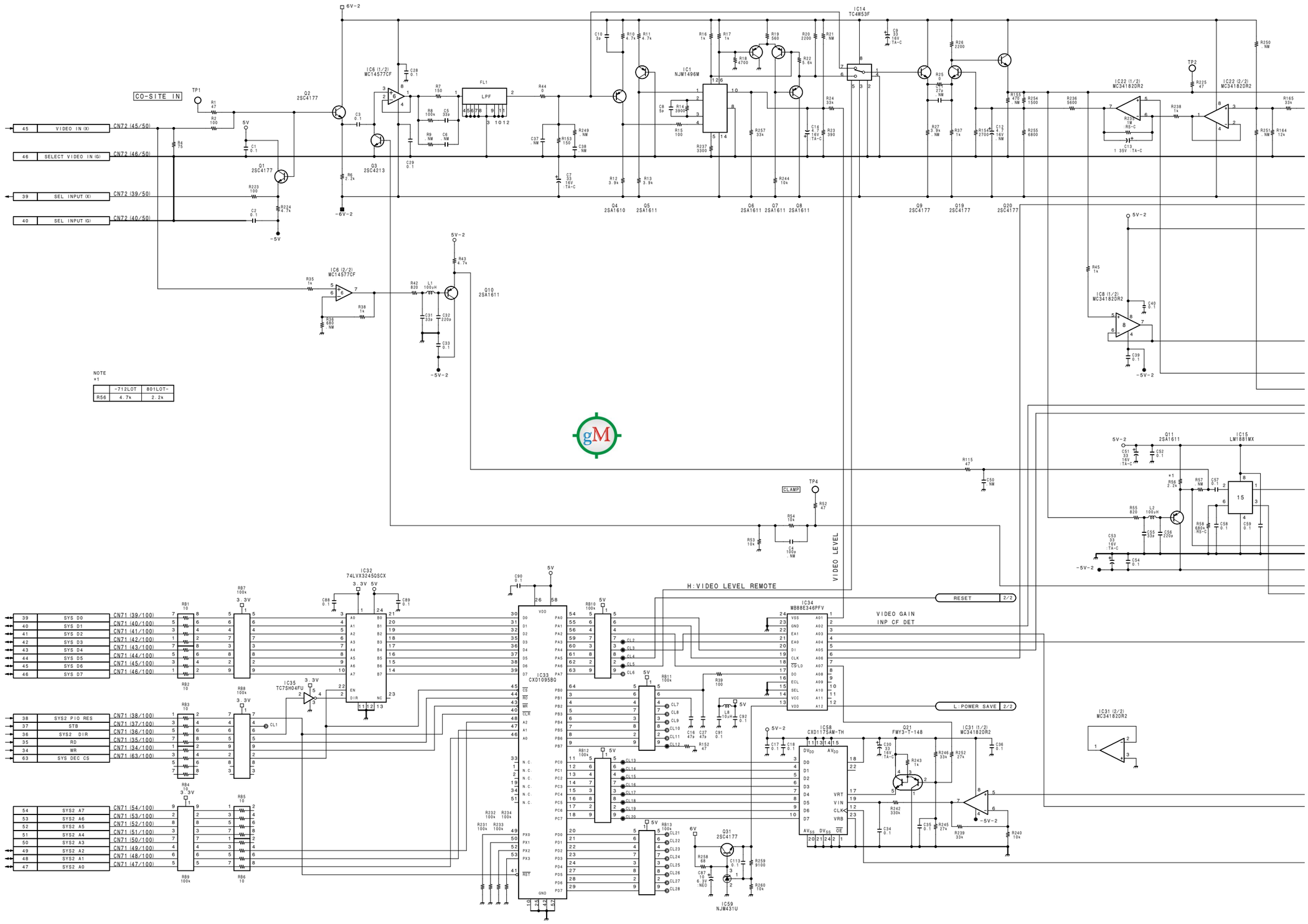


CONNECTOR BOARD
(VIDEO INPUT/OUTPUT, REF INPUT, TC INPUT/OUTPUT, REMOTE)

CP-317 (2/2)

BOARD NO. 1-667-470-13, 14
LOT NO. 812-
BVW-55_CP-317_014

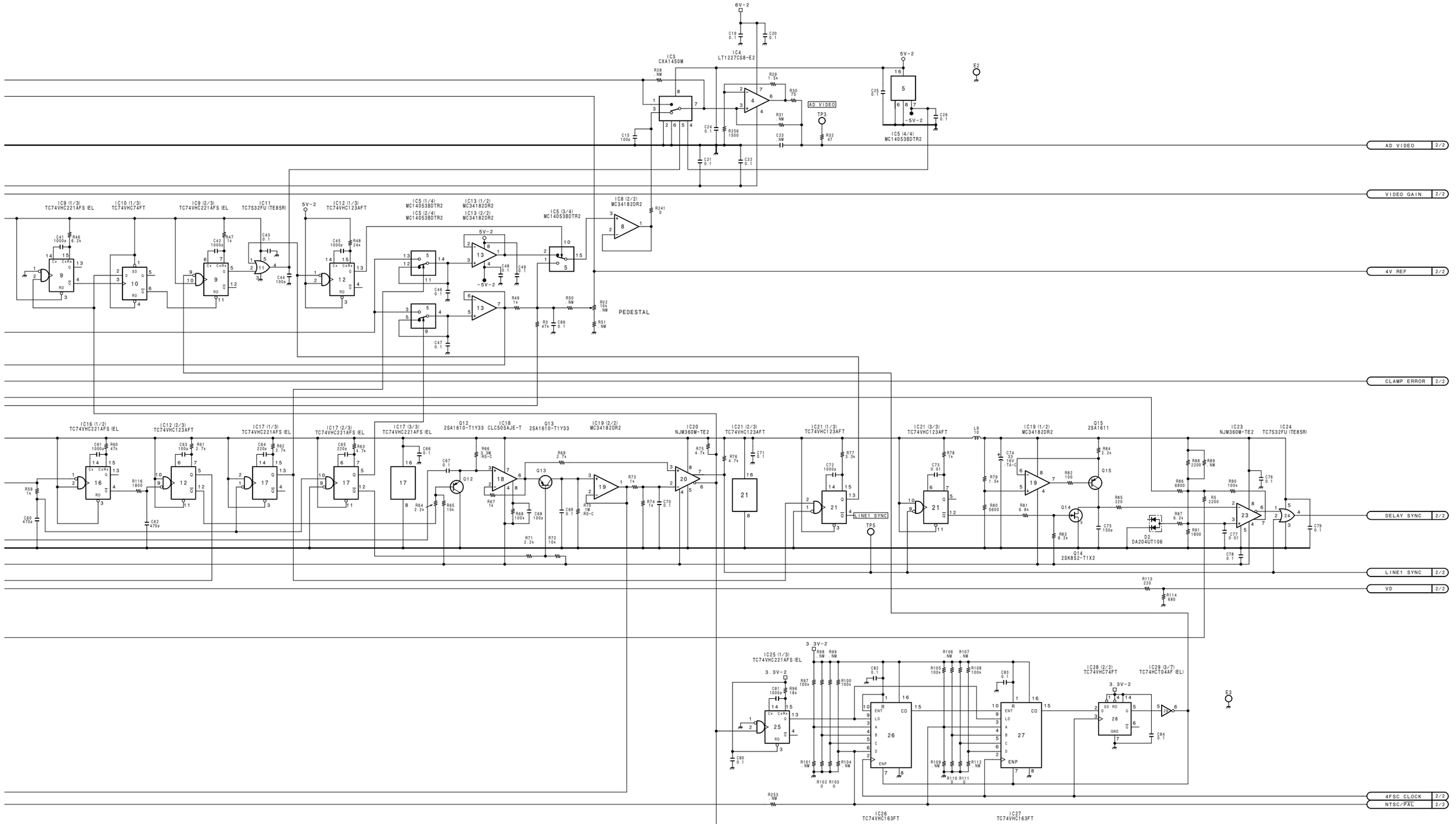
DEC-97 (1/2)



4-30

BVW-55

DEC-97 (1/2)

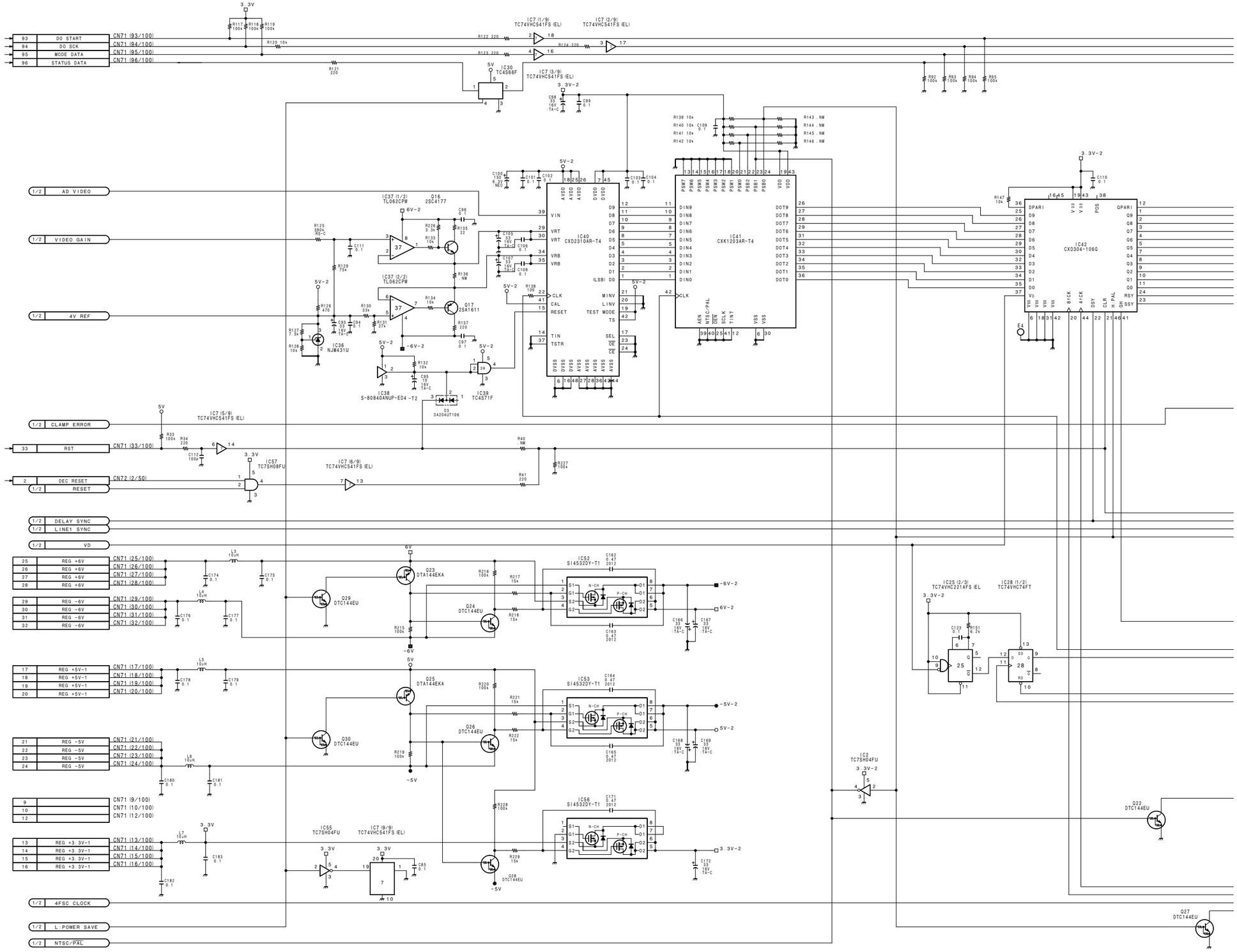


ANALOG COMPOSITE DECODER

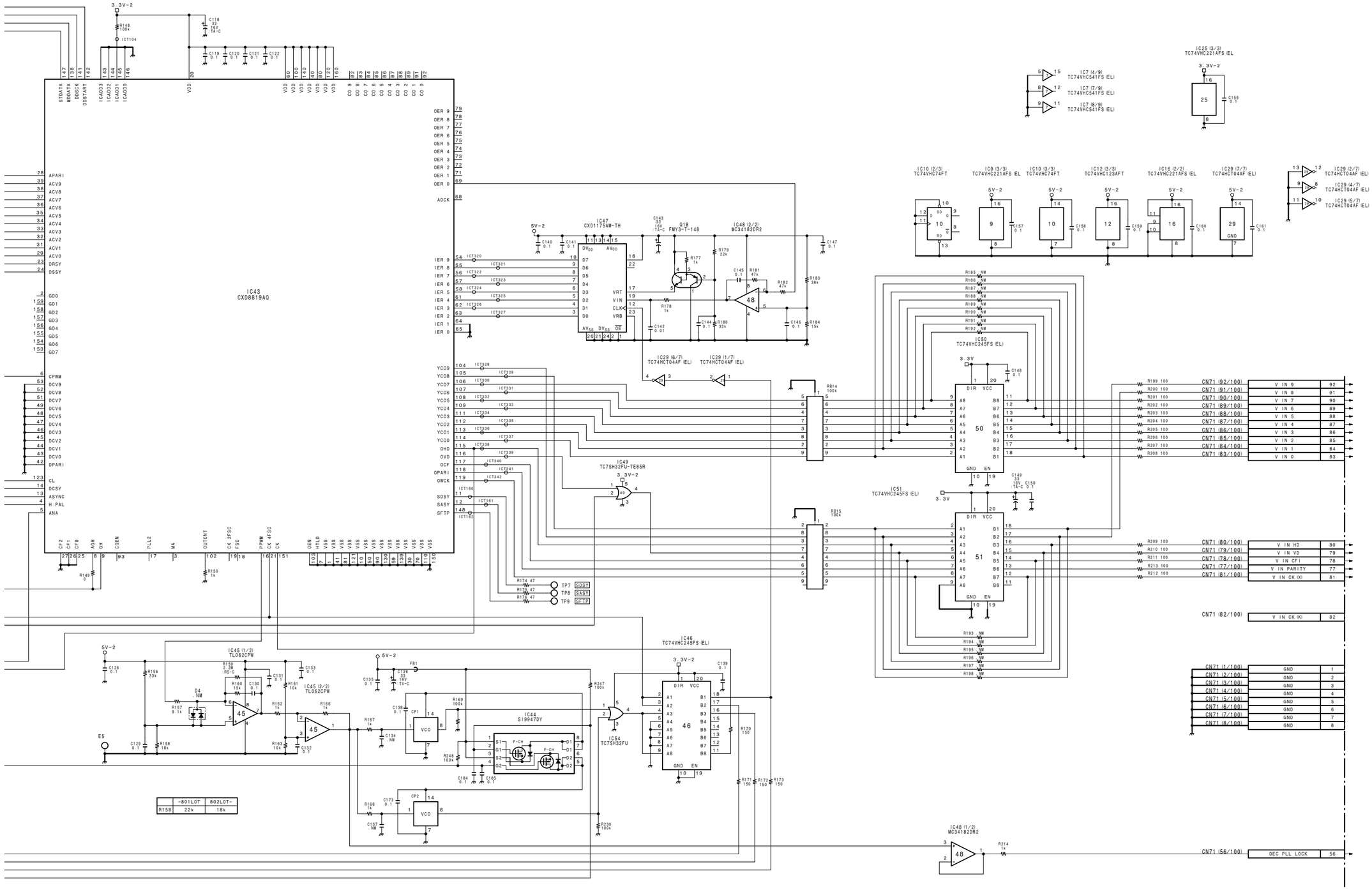
DEC-97 (1/2)

BOARD NO. 1-667-471-13
LOT NO. 812-
B-¥BVW55-DEC97-13@-PCN

DEC-97 (2/2)


CN71 (93/100) DO START
CN71 (94/100) DO SCK
CN71 (95/100) MODE DATA
CN71 (96/100) STATUS DATA
IC7 (1/9) TC74VHC541FS (EL)
IC7 (2/9) TC74VHC541FS (EL)
IC7 (3/9) TC74VHC541FS (EL)
IC30 TC4S66F
IC37 (1/2) TL062CPW
IC37 (2/2) TL062CPW
Q16 2SC4177
Q17 2SA1611
IC36 NJM431U
IC38 S-80840ANUP-ED4 -T2
IC39 TC4S71F
D3 DA204UT106
IC48 CXD2310AR-T4
IC44 CXK1203AR-T4
IC42 CXD3041-106Q
IC7 (5/9) TC74VHC541FS (EL)
IC57 TC7SH08FU
IC7 (6/9) TC74VHC541FS (EL)
IC7 (9/9) TC74VHC541FS (EL)
IC55 TC7SH04FU
IC52 S14532DY-T1
IC53 S14532DY-T1
IC56 S14532DY-T1
Q23 DTA144EKA
Q24 DTC144EU
Q25 DTA144EKA
Q26 DTC144EU
Q28 DTC144EU
Q29 DTC144EU
Q30 DTC144EU
IC25 (2/3) TC74VHC221AFS (EL)
IC28 (1/2) TC74VHCT74FT
IC2 TC7SH04FU
Q22 DTC144EU
Q27 DTC144EU
1/2 AD VIDEO
1/2 VIDEO GAIN
1/2 4V REF
1/2 CLAMP ERROR
33 RST
2 DEC RESET
1/2 RESET
1/2 DELAY SYNC
1/2 LINE1 SYNC
1/2 VD
1/2 4FSC CLOCK
1/2 L:POWER SAVE
1/2 NTSC/PAL
25 REG +6V
26 REG +6V
27 REG +6V
28 REG +6V
29 REG -6V
30 REG -6V
31 REG -6V
32 REG -6V
17 REG +5V-1
18 REG +5V-1
19 REG +5V-1
20 REG +5V-1
21 REG -5V
22 REG -5V
23 REG -5V
24 REG -5V
13 REG +3.3V-1
14 REG +3.3V-1
15 REG +3.3V-1
16 REG +3.3V-1
3.3V
3.3V-2
5V
5V-2
6V
-6V
-5V-2
-6V-2

4-32



ANALOG COMPOSITE DECODER

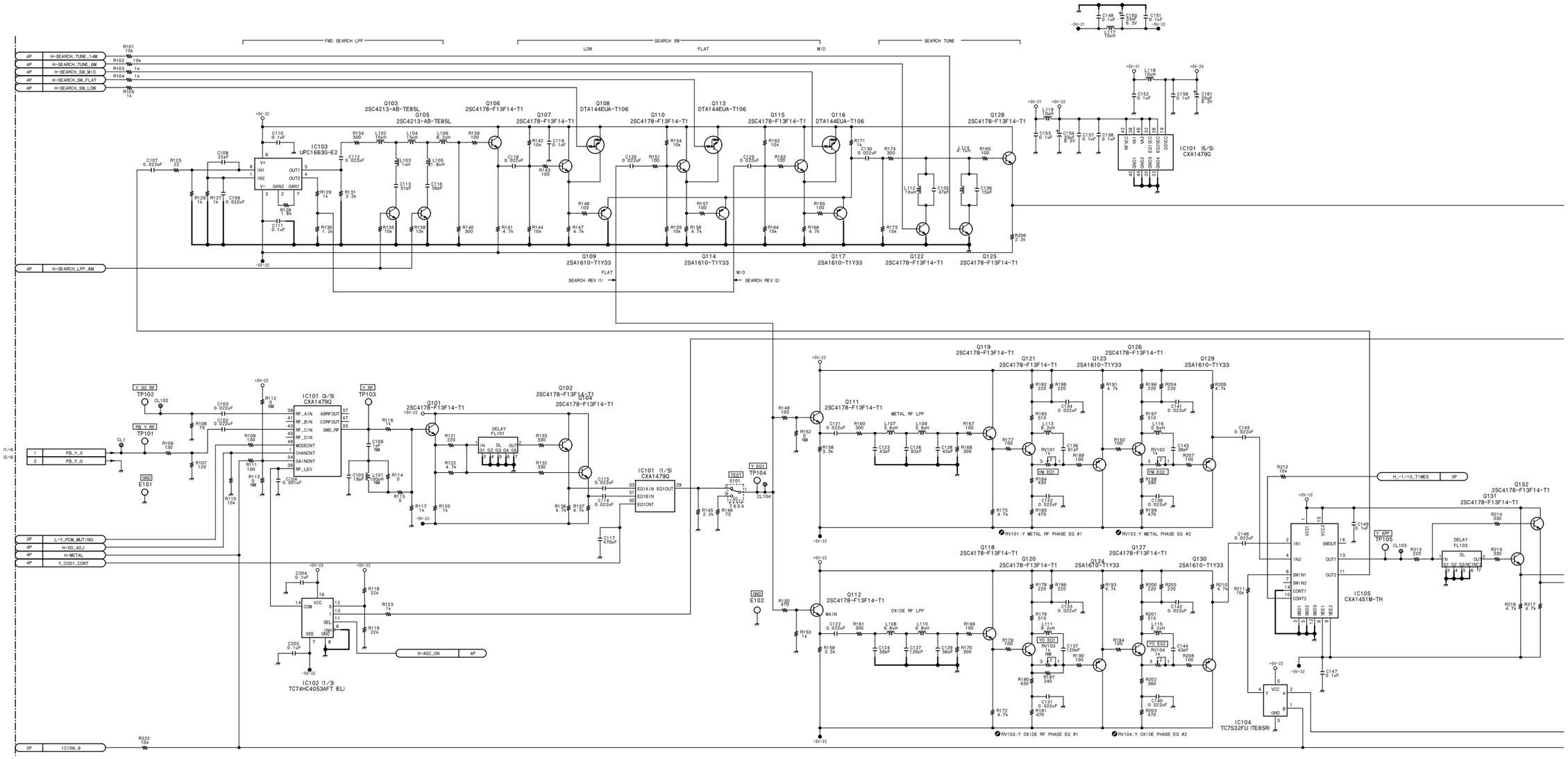
DEC-97 (2/2)

BOARD NO. 1-667-471-13

LOT NO. 812-

B-¥BVW55-DEC97-13@-PCN

DM-121 (1/9)



4-34 (b)

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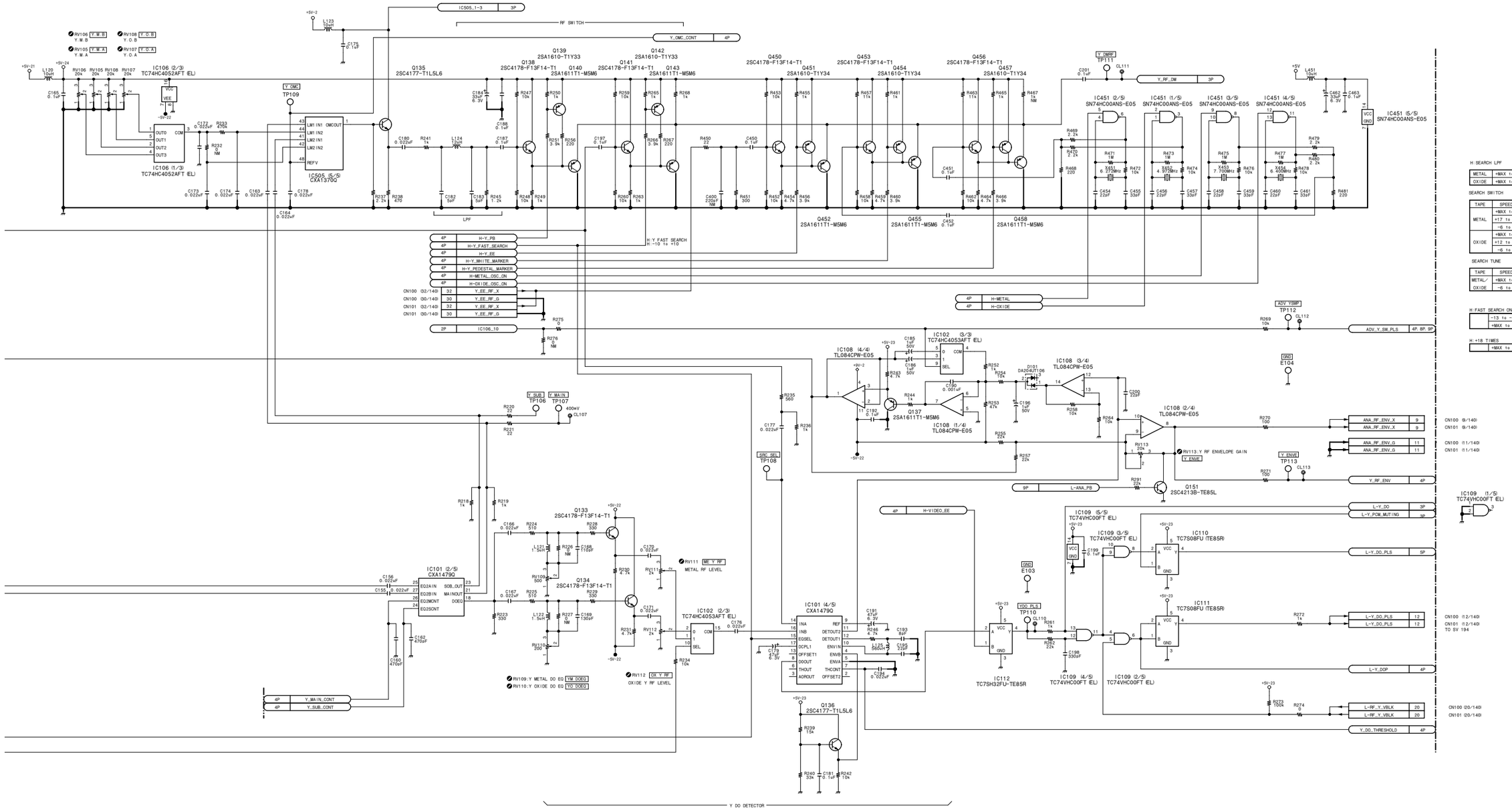


RF DEMODULATOR, TBC

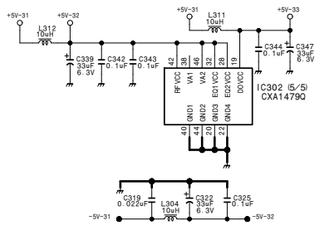
DM-121 (1/9)

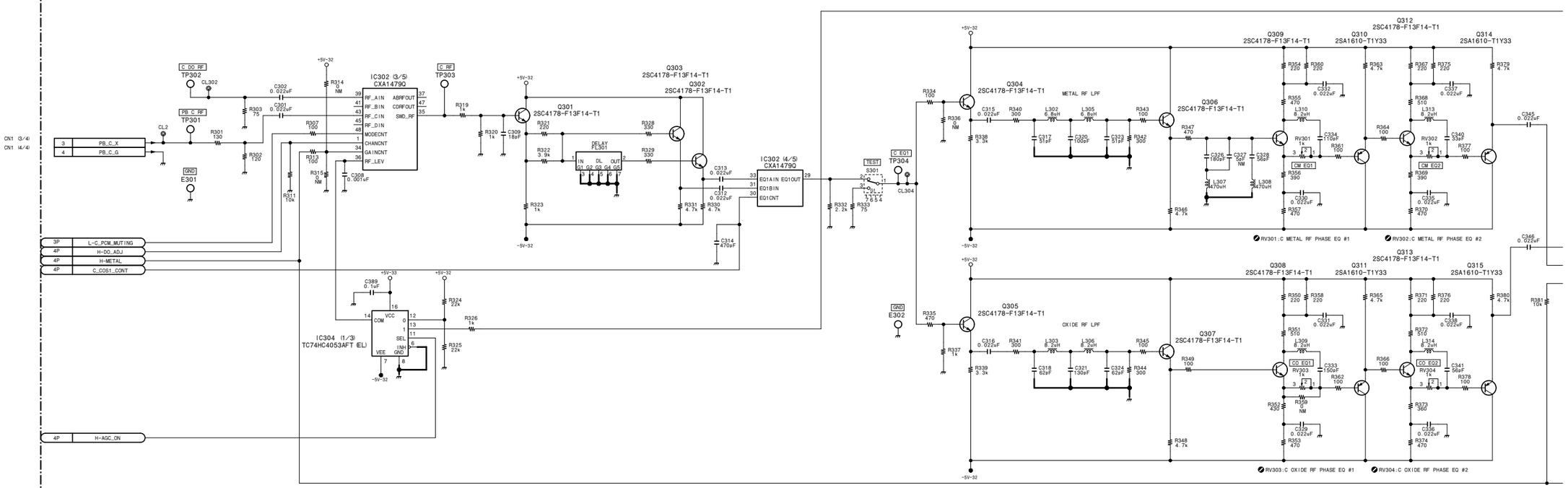
BOARD NO. 1-673-526-12

LOT NO. 904-

BVW-55_DM-121_012

DM-121 (2/9)

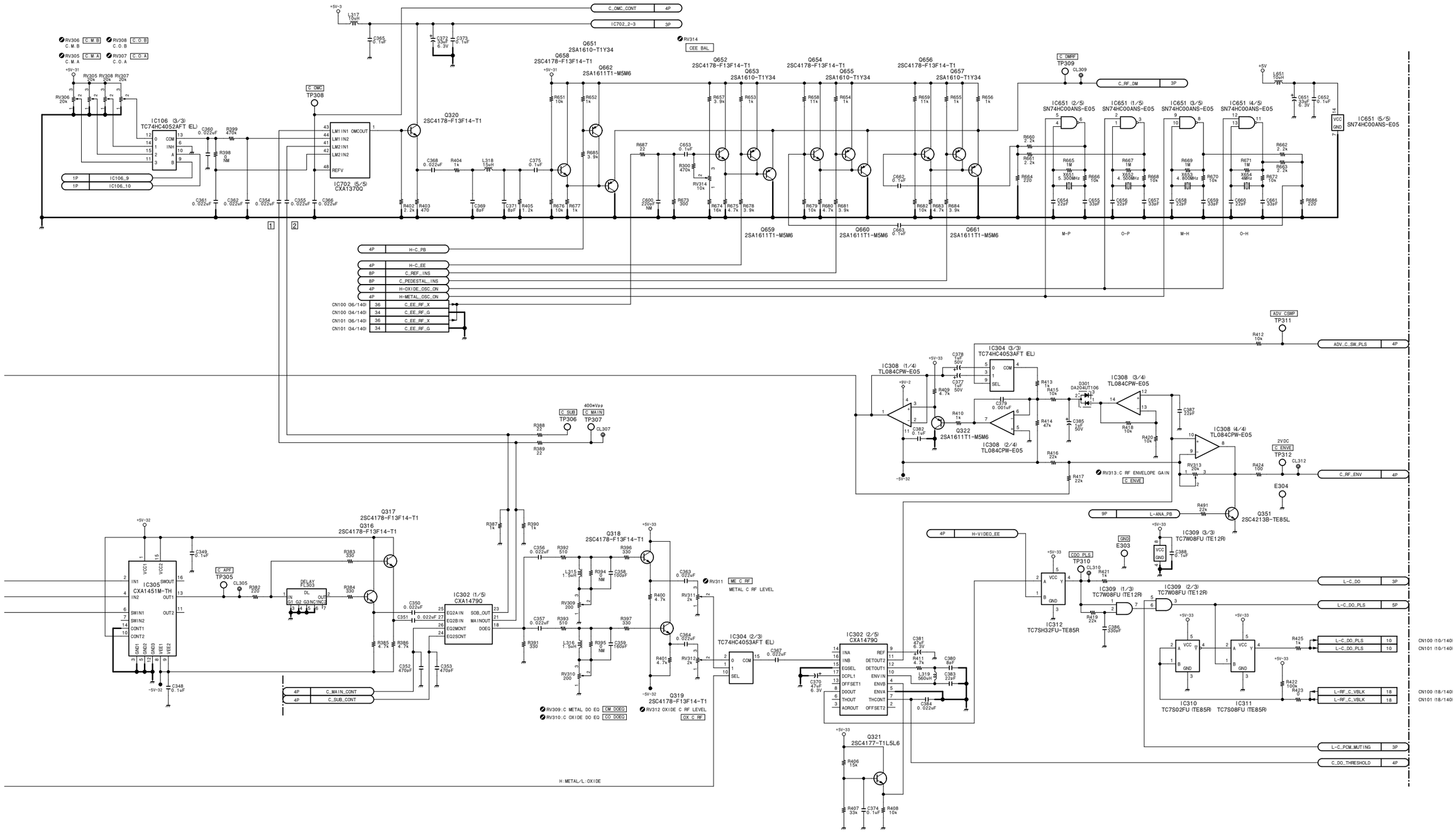




4-36 (b)

BVW-55

DM-121 (2/9)

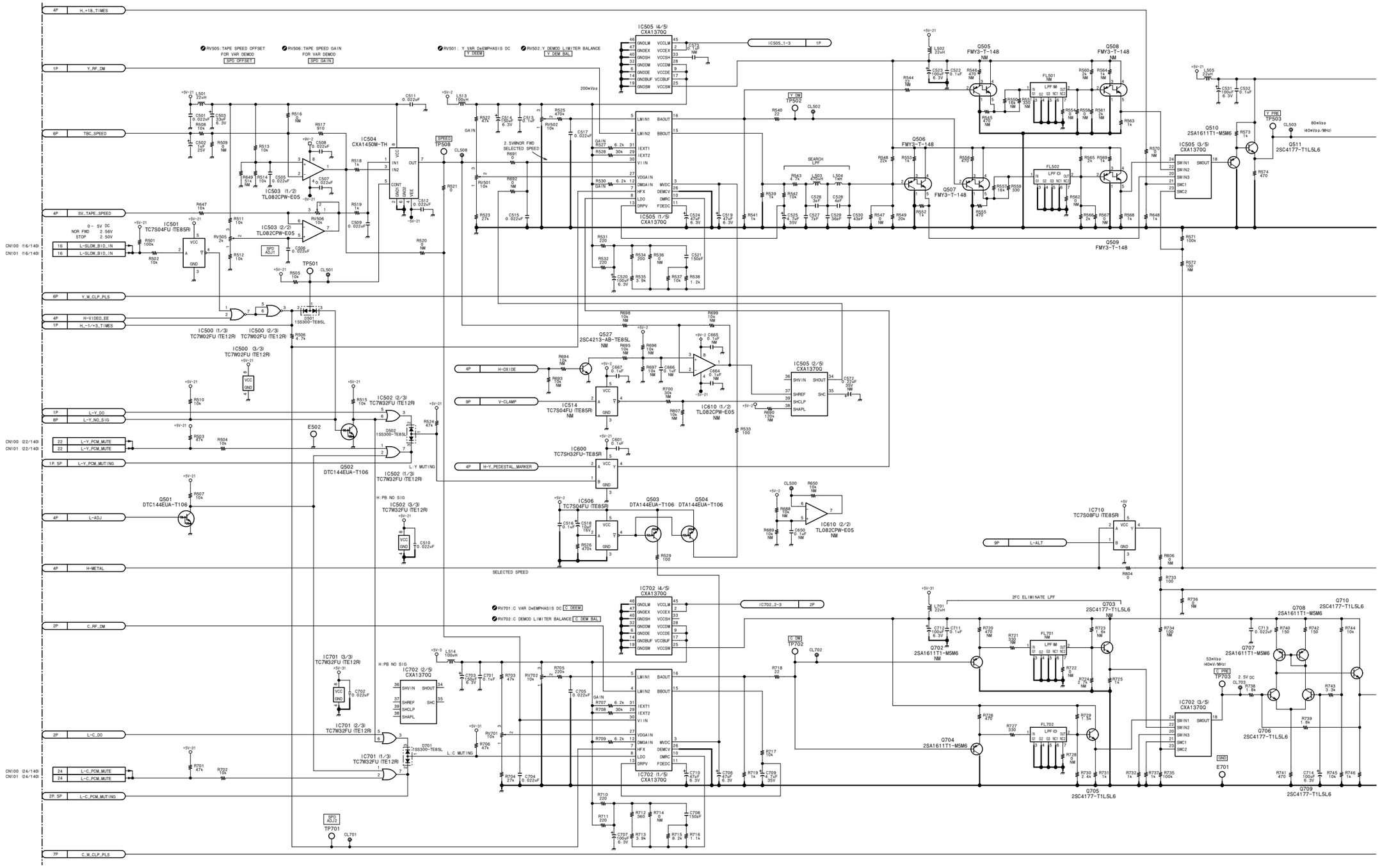


RF DEMODULATOR, TBC

DM-121 (2/9)

BOARD NO. 1-673-526-12
LOT NO. 904-
BVW-55_DM-121_012

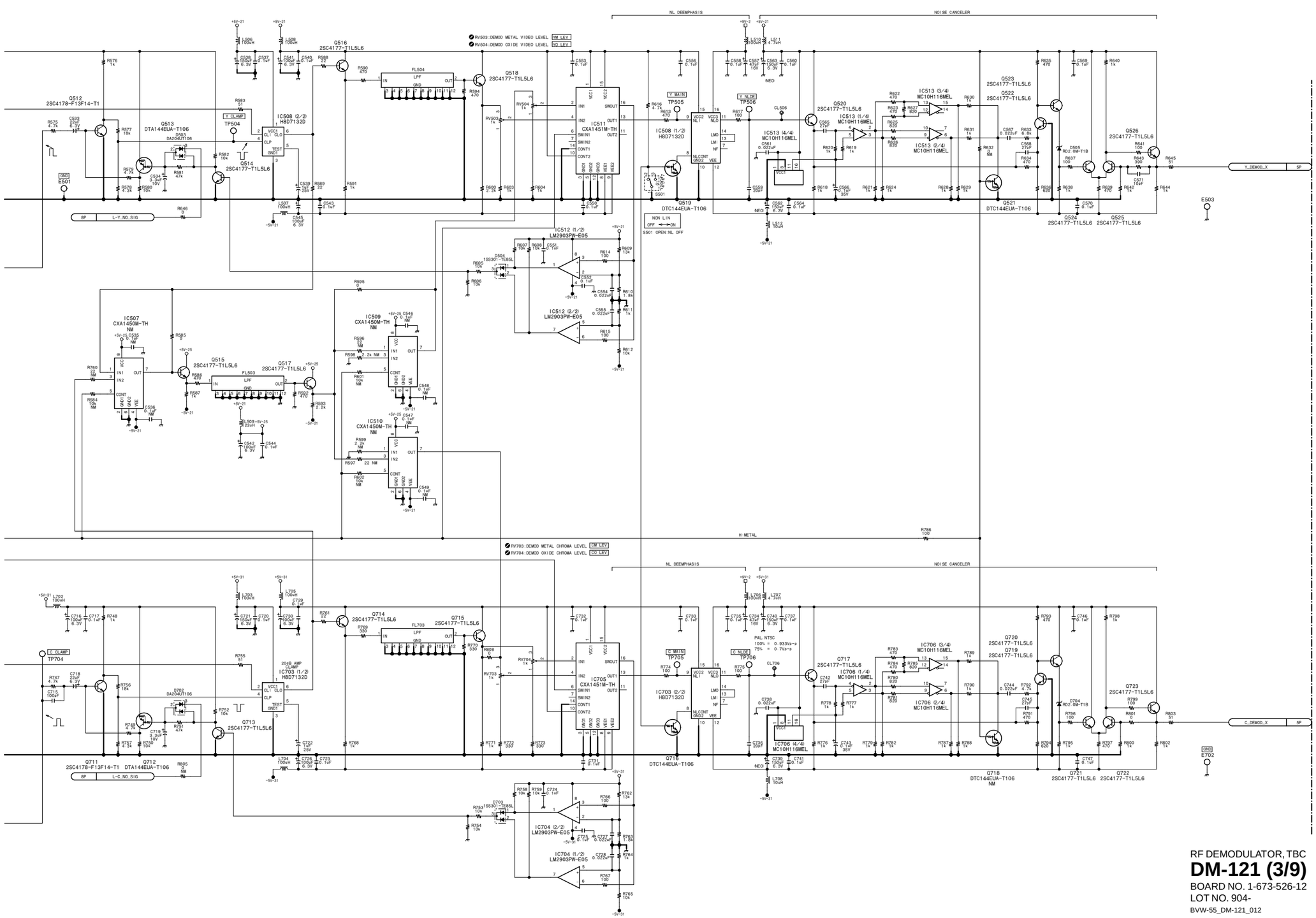
DM-121 (3/9)



4-38 (b)

BVW-55

DM-121 (3/9)

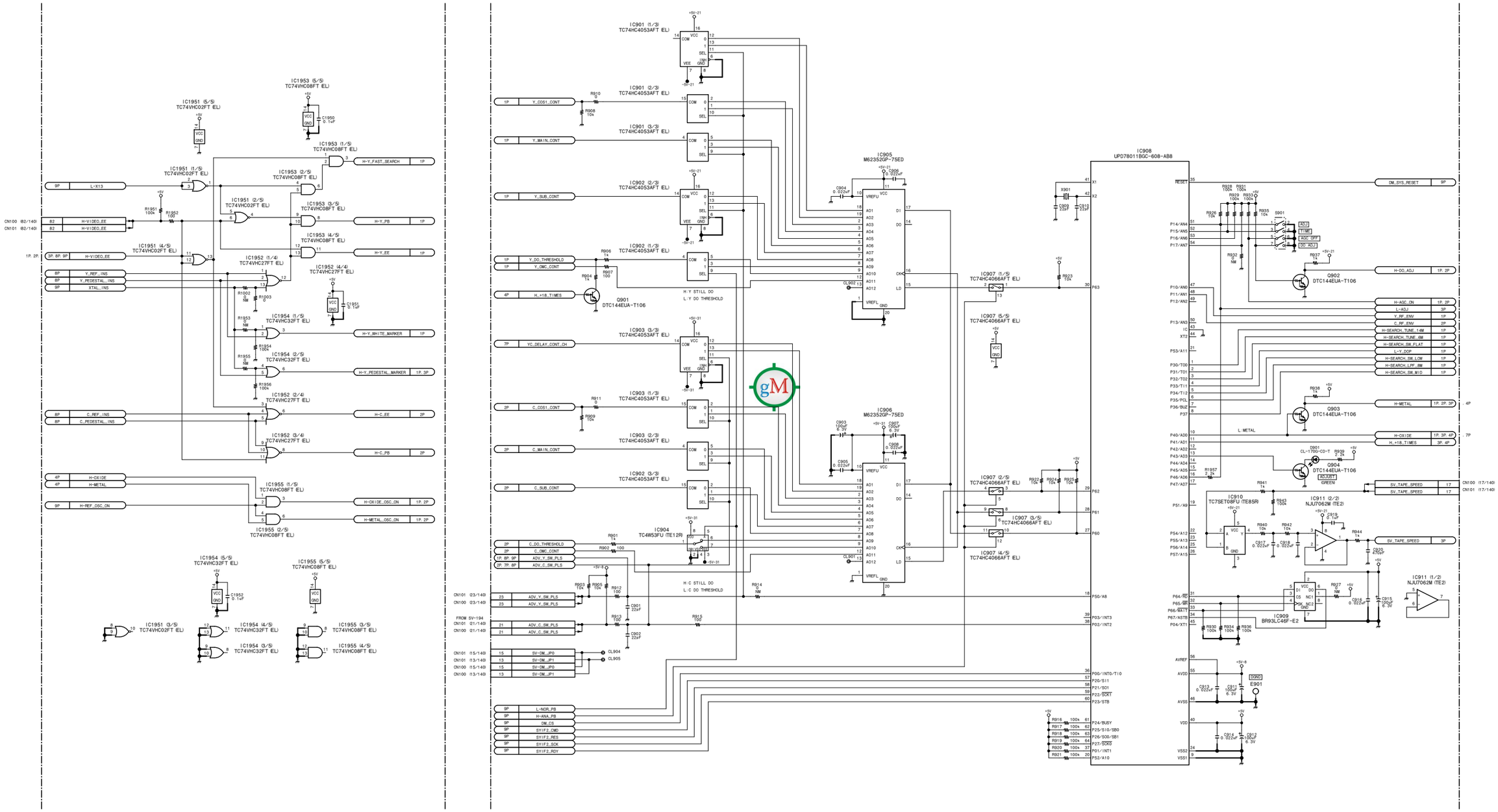


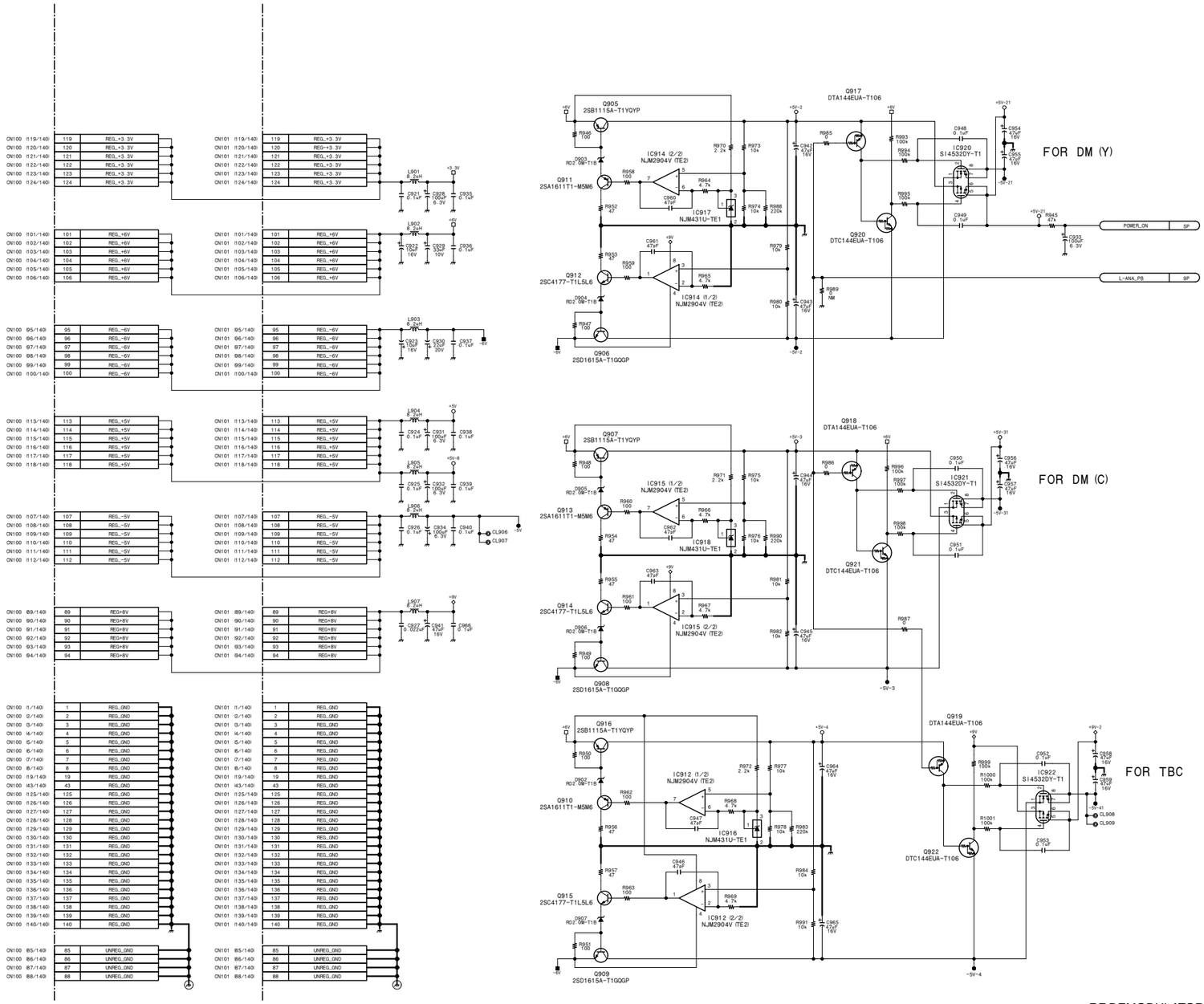
RF DEMODULATOR, TBC

DM-121 (3/9)

BOARD NO. 1-673-526-12
LOT NO. 904-
BVW-55_DM-121_012

DM-121 (4/9)


IC1951 (5/5) TC74VHC02FT (EL)
IC1953 (5/5) TC74VHC08FT (EL)
IC1953 (1/5) TC74VHC08FT (EL)
IC1951 (1/5) TC74VHC02FT (EL)
IC1953 (2/5) TC74VHC08FT (EL)
IC1951 (2/5) TC74VHC02FT (EL)
IC1953 (3/5) TC74VHC08FT (EL)
IC1953 (4/5) TC74VHC08FT (EL)
IC1951 (4/5) TC74VHC02FT (EL)
IC1952 (1/4) TC74VHC27FT (EL)
IC1952 (4/4) TC74VHC27FT (EL)
IC1954 (1/5) TC74VHC32FT (EL)
IC1954 (2/5) TC74VHC32FT (EL)
IC1952 (2/4) TC74VHC27FT (EL)
IC1952 (3/4) TC74VHC27FT (EL)
IC1955 (1/5) TC74VHC08FT (EL)
IC1955 (2/5) TC74VHC08FT (EL)
IC1954 (5/5) TC74VHC32FT (EL)
IC1955 (5/5) TC74VHC08FT (EL)
IC1951 (3/5) TC74VHC02FT (EL)
IC1954 (4/5) TC74VHC32FT (EL)
IC1954 (3/5) TC74VHC32FT (EL)
IC1955 (3/5) TC74VHC08FT (EL)
IC1955 (4/5) TC74VHC08FT (EL)
L-X13
H-VIDEO_EE
Y_REF_INS
Y_PEDESTAL_INS
XTAL_INS
C_REF_INS
C_PEDESTAL_INS
H-OXIDE
H-METAL
H-REF_OSC_ON
H-Y_FAST_SEARCH
H-Y_PB
H-Y_EE
H-Y_WHITE_MARKER
H-Y_PEDESTAL_MARKER
H-C_EE
H-C_PB
H-OXIDE_OSC_ON
H-METAL_OSC_ON
IC1901 (1/3) TC74HC4053AFT (EL)
IC1901 (2/3) TC74HC4053AFT (EL)
IC1901 (3/3) TC74HC4053AFT (EL)
IC1902 (2/3) TC74HC4053AFT (EL)
IC1902 (1/3) TC74HC4053AFT (EL)
IC1903 (3/3) TC74HC4053AFT (EL)
IC1903 (1/3) TC74HC4053AFT (EL)
IC1903 (2/3) TC74HC4053AFT (EL)
IC1902 (3/3) TC74HC4053AFT (EL)
IC1904 TC4W53FU (TE12R)
IC1905 M62352GP-75ED
IC1906 M62352GP-75ED
IC1907 (1/5) TC74HC4066AFT (EL)
IC1907 (5/5) TC74HC4066AFT (EL)
IC1907 (2/5) TC74HC4066AFT (EL)
IC1907 (3/5) TC74HC4066AFT (EL)
IC1907 (4/5) TC74HC4066AFT (EL)
IC908 UPD78011BGC-608-AB8
IC910 TC7SET08FU (TE85R)
IC911 (2/2) NJU7062M (TE2)
IC909 BR93LC46F-E2
IC911 (1/2) NJU7062M (TE2)
Q901 DTC144EUA-T106
Q902 DTC144EUA-T106
Q903 DTC144EUA-T106
Q904 DTC144EUA-T106
Y_CDS1_CONT
Y_MAIN_CONT
Y_SUB_CONT
Y_DO_THRESHOLD
Y_OMC_CONT
H_+18_TIMES
YC_DELAY_CONT_CH
C_CDS1_CONT
C_MAIN_CONT
C_SUB_CONT
C_DO_THRESHOLD
C_OMC_CONT
ADV_Y_SW_PLS
ADV_C_SW_PLS
SV-DM_JP0
SV-DM_JP1
L-NOR_PB
H-ANA_PB
DM_CS
SYIF2_CMD
SYIF2_RES
SYIF2_SCK
SYIF2_RDY
H: Y STILL DO
L: Y DO THRESHOLD
H: C STILL DO
L: C DO THRESHOLD
DM_SYS_RESET
H-DO_ADJ
H-AGC_ON
L-ADJ
Y_RF_ENV
C_RF_ENV
H-SEARCH_TUNE_14M
H-SEARCH_TUNE_6M
H-SEARCH_SW_FLAT
L-Y_DOP
H-SEARCH_SW_LOW
H-SEARCH_LPF_8M
H-SEARCH_SW_MID
H-METAL
H-OXIDE
H_+18_TIMES
SV_TAPE_SPEED
AGC OFF
DO ADJ
ADJUST
GREEN
E901



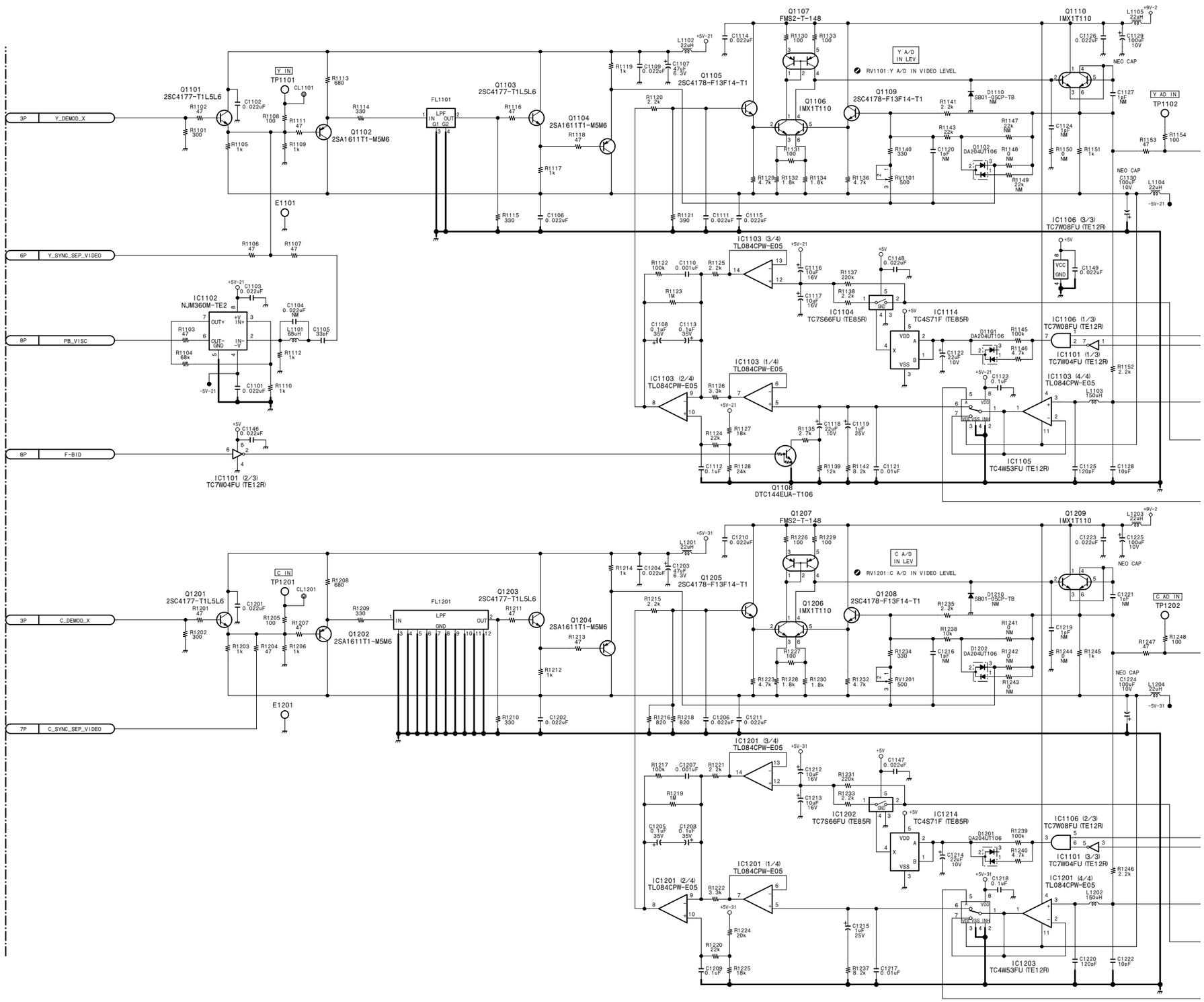
RF DEMODULATOR, TBC

DM-121 (4/9)

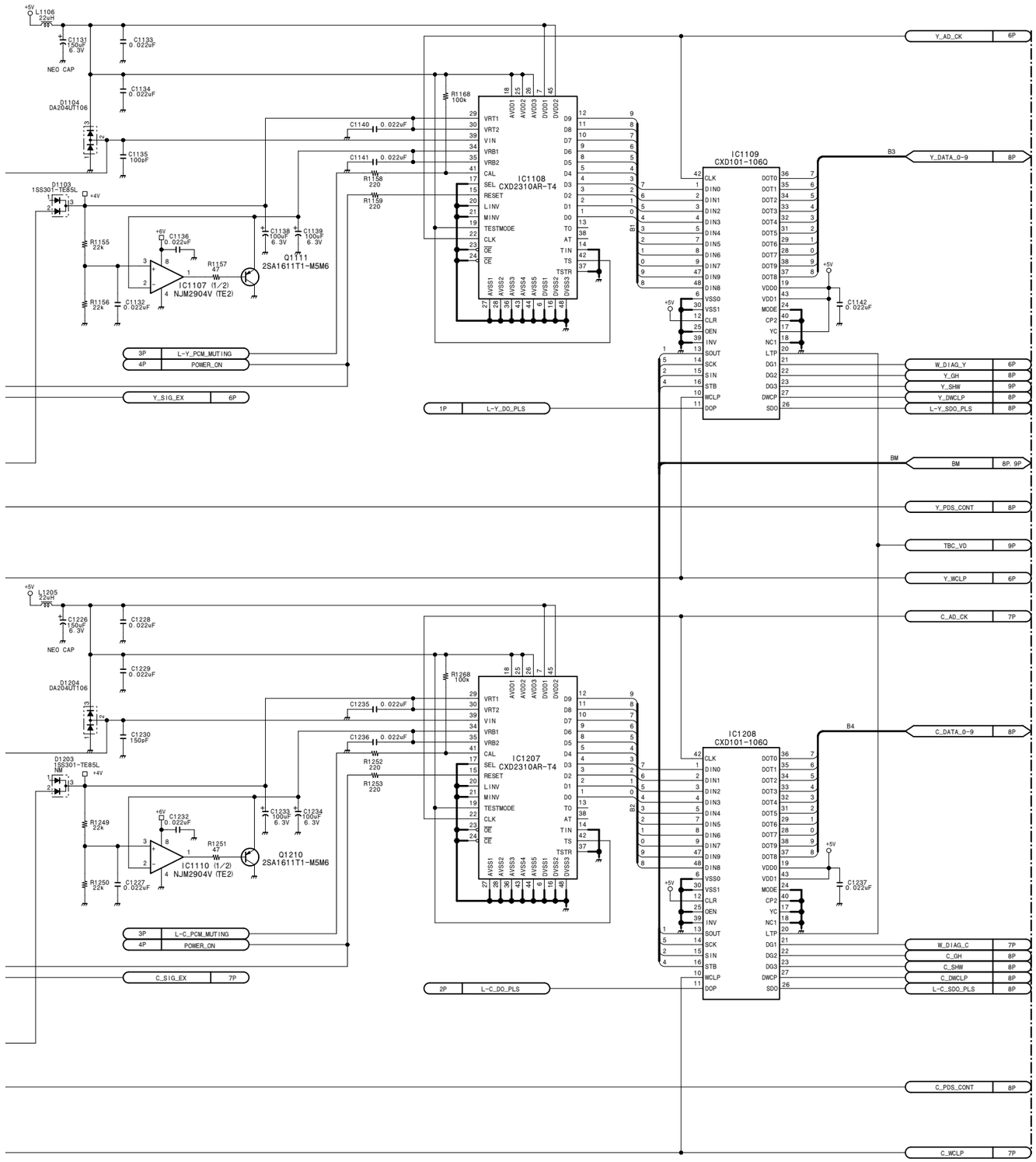
BOARD NO. 1-673-526-12
LOT NO. 904-

BVW-55_DM-121_012

DM-121 (5/9)



4-42 (b)



RF DEMODULATOR, TBC

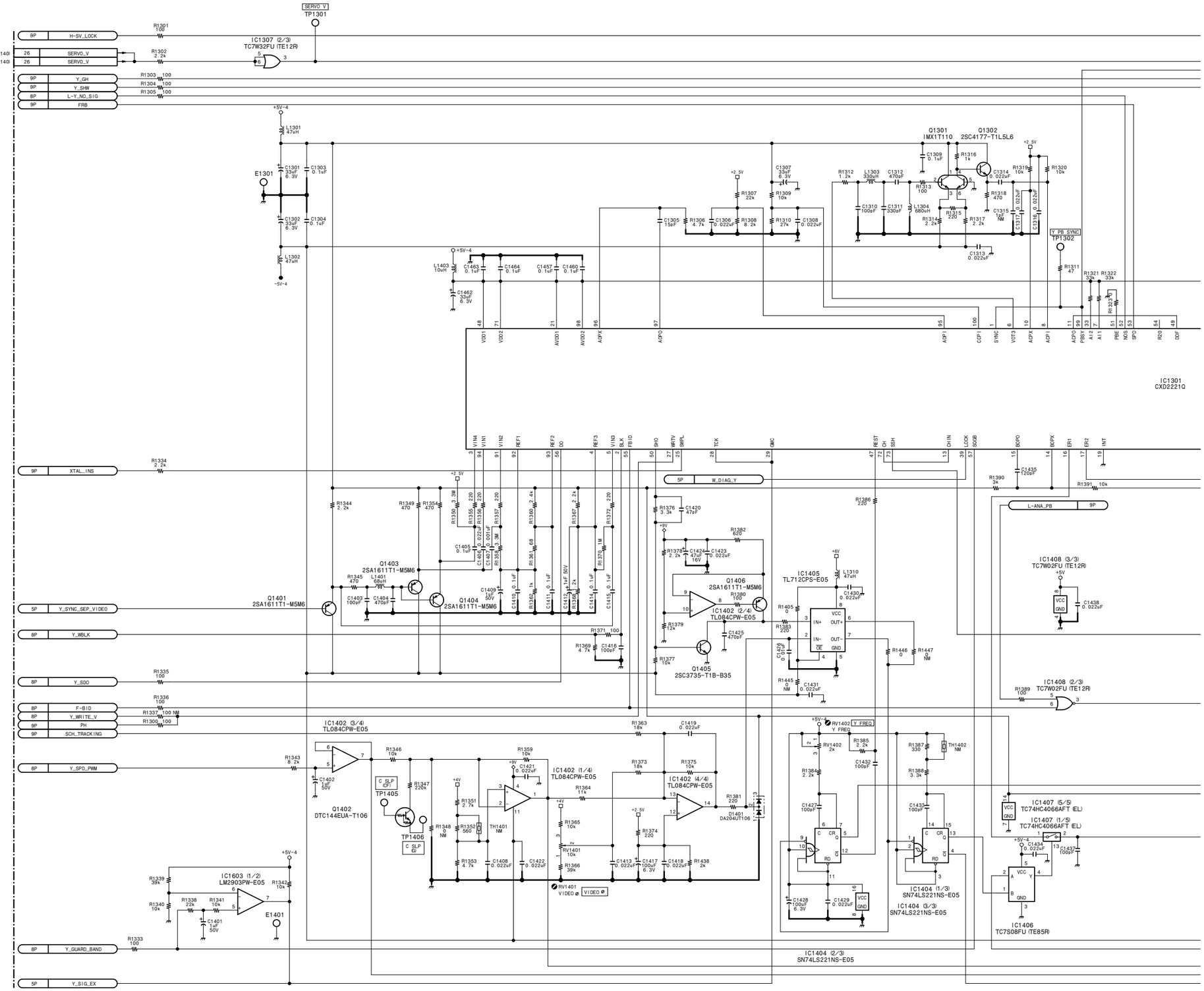
DM-121 (5/9)

BOARD NO. 1-673-526-12

LOT NO. 904-

BVW-55_DM-121_012

DM-121 (6/9)


SERVO_V
TP1301
9P H-SV_LOCK
CN100 (26/140)
CN101 (26/140)
26 SERVO_V
R1301 100
R1302 2.2k
IC1307 (2/3) TC7W32FU (TE12R)
9P Y_GH
9P Y_SHW
8P L-Y_NO_SIG
9P FRB
R1303 100
R1304 100
R1305 100
+5V-4
L1301 47uH
E1301
C1301 33uF 6.3V
C1303 0.1uF
C1302 33uF 6.3V
C1304 0.1uF
L1302 47uH
-5V-4
Q1301 IMX1T110
Q1302 2SC4177-T1L5L6
+2.5V
C1309 0.1uF
R1316 1k
C1314 0.022uF
R1319 10k
R1320 10k
R1307 22k
C1307 33uF 6.3V
R1309 10k
R1312 1.2k
L1303 330uH
C1312 470pF
R1313 100
R1318 470
C1315 1pF NM
C1317 0.022uF
C1316 0.022uF
R1315 220
R1314 2.2k
R1317 2.2k
C1313 0.022uF
C1305 15pF
R1306 4.7k
C1306 0.022uF
R1308 8.2k
R1310 27k
C1308 0.022uF
C1310 100pF
C1311 330pF
L1304 680uH
Y_PB_SYNC
TP1302
R1311 47
R1321 33k
R1322 33k
L1403 10uH
C1463 0.1uF
C1464 0.1uF
C1457 0.1uF
C1460 0.1uF
C1462 33uF 6.3V
IC1301 CXD2221Q
VDD1 VDD2 AVDD1 AVDD2 ADPX ADPO ADP1 CDP1 SYNC VDT3 ADPX ADP1 ADPO PBSY A12 A11 PBE NOS SPD RIO DOF
VIN4 VIN1 VIN2 REF1 REF2 DO REF3 VIN3 BLK FBID SHO WRTY WRL TCK XMC REST ZH SSH SHIN LOCK SOOB BOPO BOPX ER1 ER2 INT
XTAL_INS
R1334 2.2k
R1344 2.2k
R1349 470
R1345 470
L1401 68uH
C1403 100pF
C1404 470pF
Q1403 2SA1611T1-M5M6
Q1404 2SA1611T1-M5M6
Q1401 2SA1611T1-M5M6
R1350 3.3M
R1335 220
R1336 220
C1405 0.1uF
C1406 0.001uF
R1357 3.3M
R1360 2.4k
R1361 68
R1362 1k
C1409 1uF 50V
C1410 0.1uF
C1411 0.1uF
R1367 2.2k
R1368 2.2k
R1372 220
R1370 1M
C1412 1uF 50V
C1414 0.1uF
C1415 0.1uF
R1371 100
R1369 4.7k
C1416 100pF
5P W_DIAG_Y
R1376 3.3k
C1420 47pF
R1382 620
R1378 2.2k
C1424 47uF 16V
C1423 0.022uF
Q1406 2SA1611T1-M5M6
R1380 100
IC1402 (2/4) TL084CPW-E05
R1379 12k
C1425 470pF
Q1405 2SC3735-T1B-B35
R1377 10k
R1386 220
L-ANA_PB
9P
R1390 3k
C1435 120pF
R1391 10k
IC1408 (3/3) TC7W02FU (TE12R)
C1438 0.022uF
IC1405 TL712CPS-E05
L1310 47uH
C1430 0.022uF
R1405 0
R1383 220
C1426 0.022uF
C1431 0.022uF
R1445 0 NM
R1446 0
R1447 0 NM
IC1408 (2/3) TC7W02FU (TE12R)
R1389 100
5P Y_SYNC_SEP_VIDEO
8P Y_WBLK
R1335 100
8P Y_SDO
R1336 100
R1337 100 NM
R1300 100
8P F-BID
8P Y_WRITE_V
9P PH
9P SCH_TRACKING
IC1402 (3/4) TL084CPW-E05
R1343 8.2k
C1402 1uF 50V
8P Y_SPD_PWM
Q1402 DTC144EUA-T106
R1346 10k
C_SLP (SP)
TP1405
R1347 220k
TP1406
C_SLP (G)
R1348 0 NM
R1359 10k
C1421 0.022uF
IC1402 (1/4) TL084CPW-E05
R1351 2.7k
R1352 560
TH1401 NM
C1408 0.022uF
C1422 0.022uF
R1364 11k
R1365 10k
RV1401 10k
R1366 39k
RV1401 VIDEO
VIDEO
R1363 18k
C1419 0.022uF
R1373 18k
R1375 10k
IC1402 (4/4) TL084CPW-E05
R1374 220
C1413 100uF 6.3V
C1417 100uF 6.3V
C1418 0.022uF
R1438 2k
R1381 220
D1401 DA204UT106
RV1402 Y FREQ
R1385 2.2k
R1384 2.2k
C1432 100pF
R1387 330
TH1402 NM
R1388 3.3k
C1427 100pF
C1433 100pF
C1428 100uF 6.3V
C1429 0.022uF
IC1404 (1/3) SN74LS221NS-E05
IC1404 (3/3) SN74LS221NS-E05
IC1404 (2/3) SN74LS221NS-E05
IC1407 (5/5) TC74HC4066AFT (EL)
IC1407 (1/5) TC74HC4066AFT (EL)
C1434 0.022uF
C1437 100pF
IC1406 TC7S08FU (TE85R)
IC1603 (1/2) LM2903PW-E05
R1339 39k
R1340 10k
R1338 22k
R1341 10k
R1342 10k
C1401 1uF 50V
E1401
R1333 100
8P Y_GUARD_BAND
5P Y_SIG_EX

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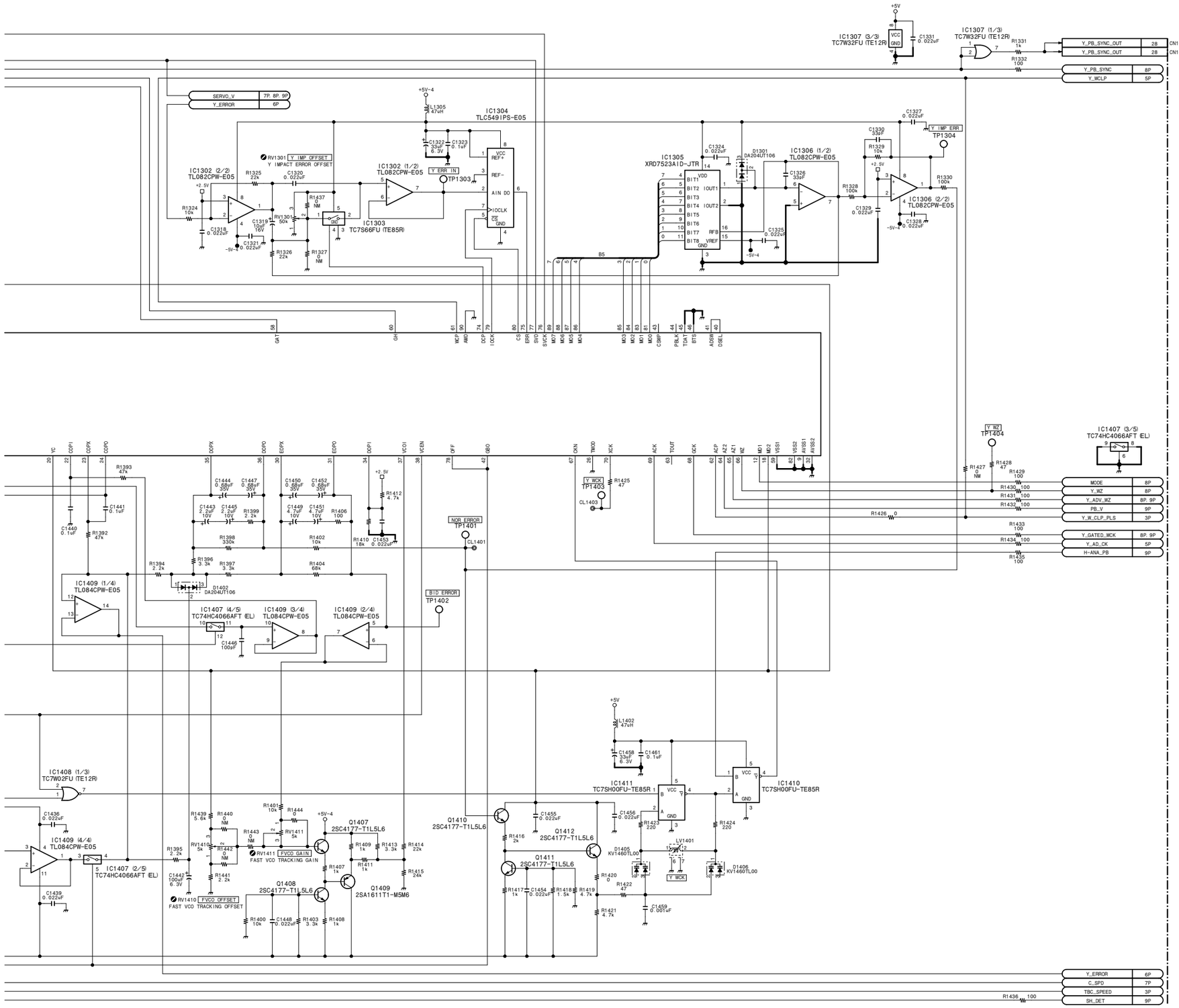
 DM-121 (6/9)



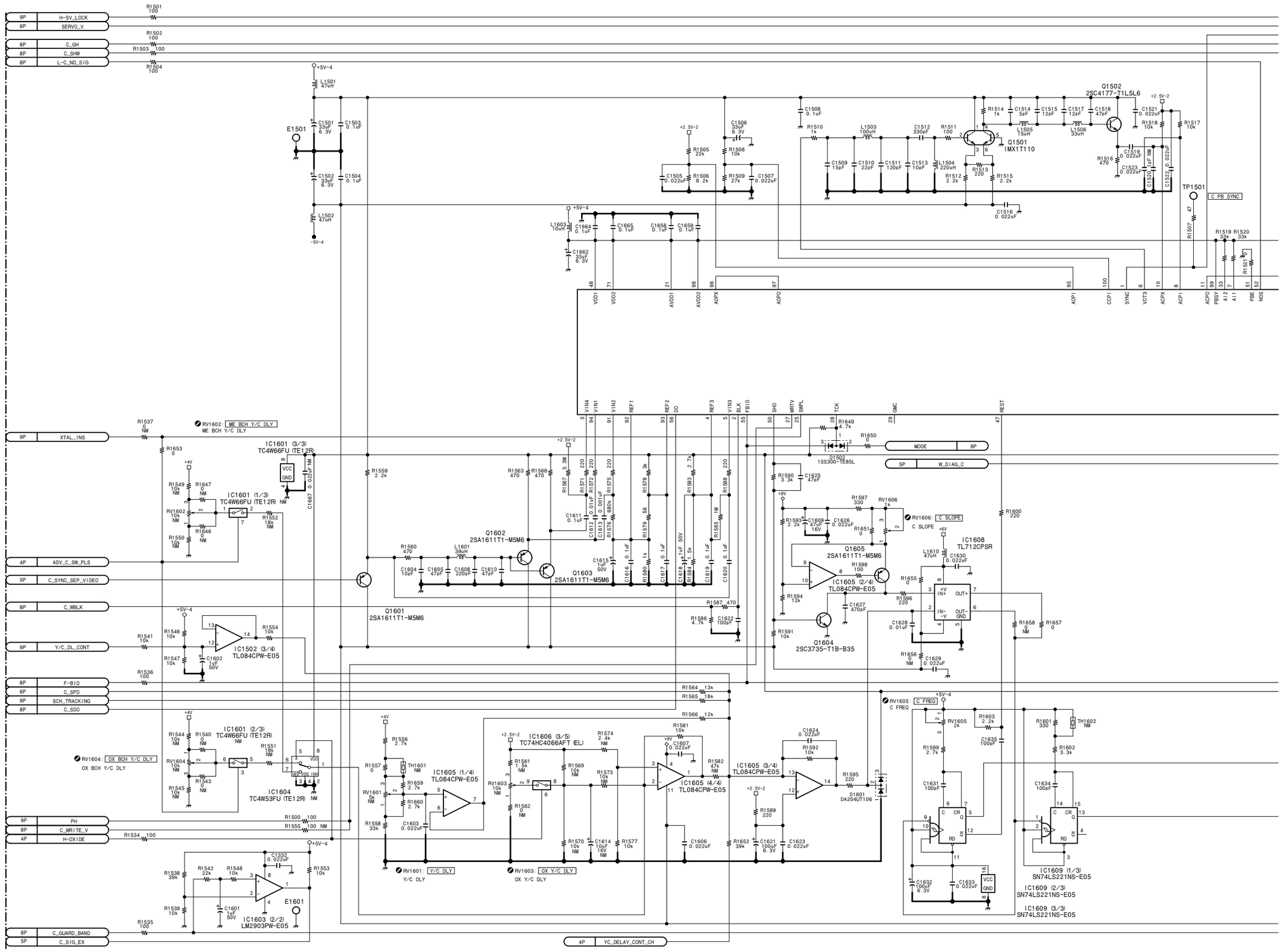
RF DEMODULATOR, TBC

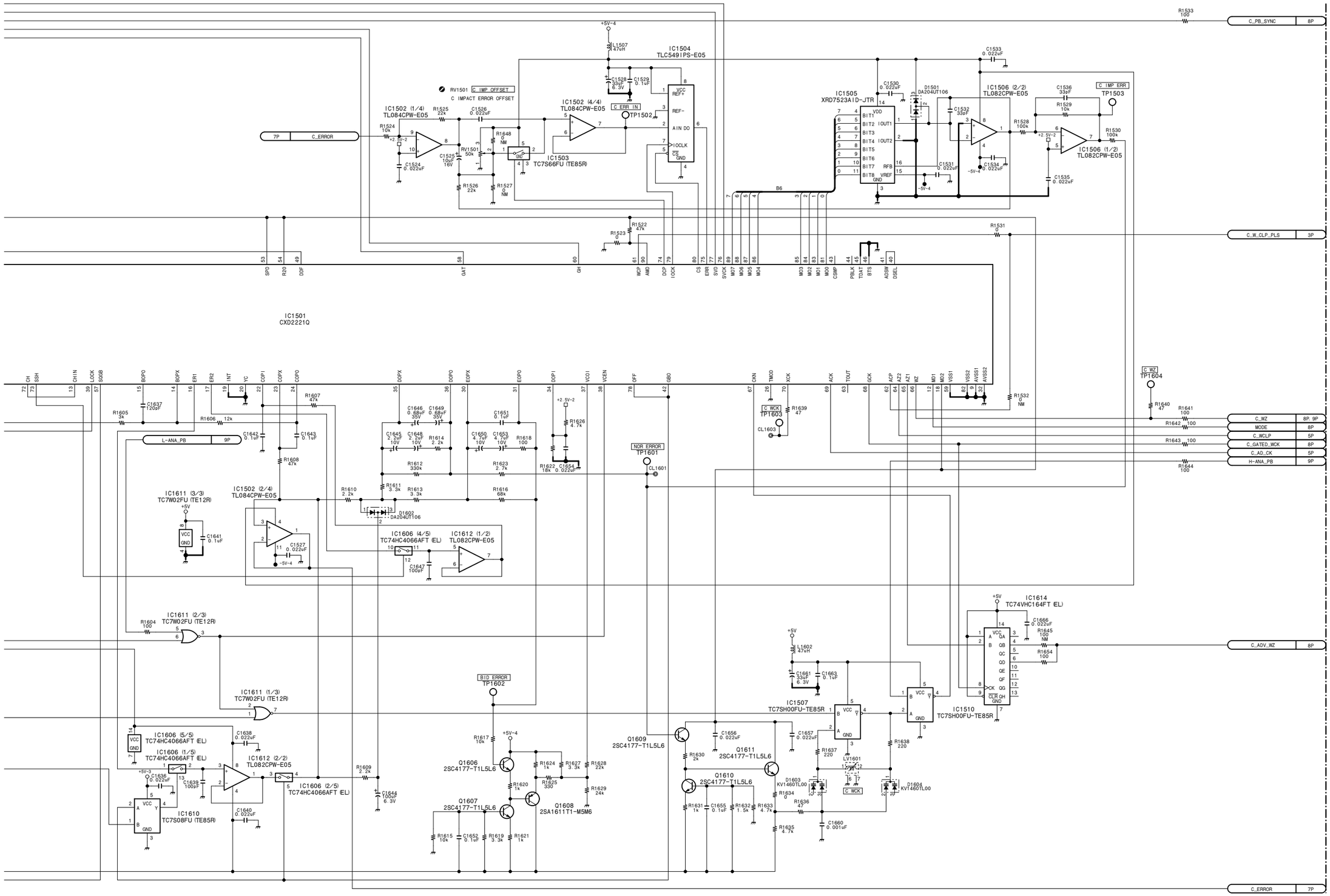
DM-121 (6/9)

BOARD NO. 1-673-526-12

LOT NO. 904-

BVW-55_DM-121_012

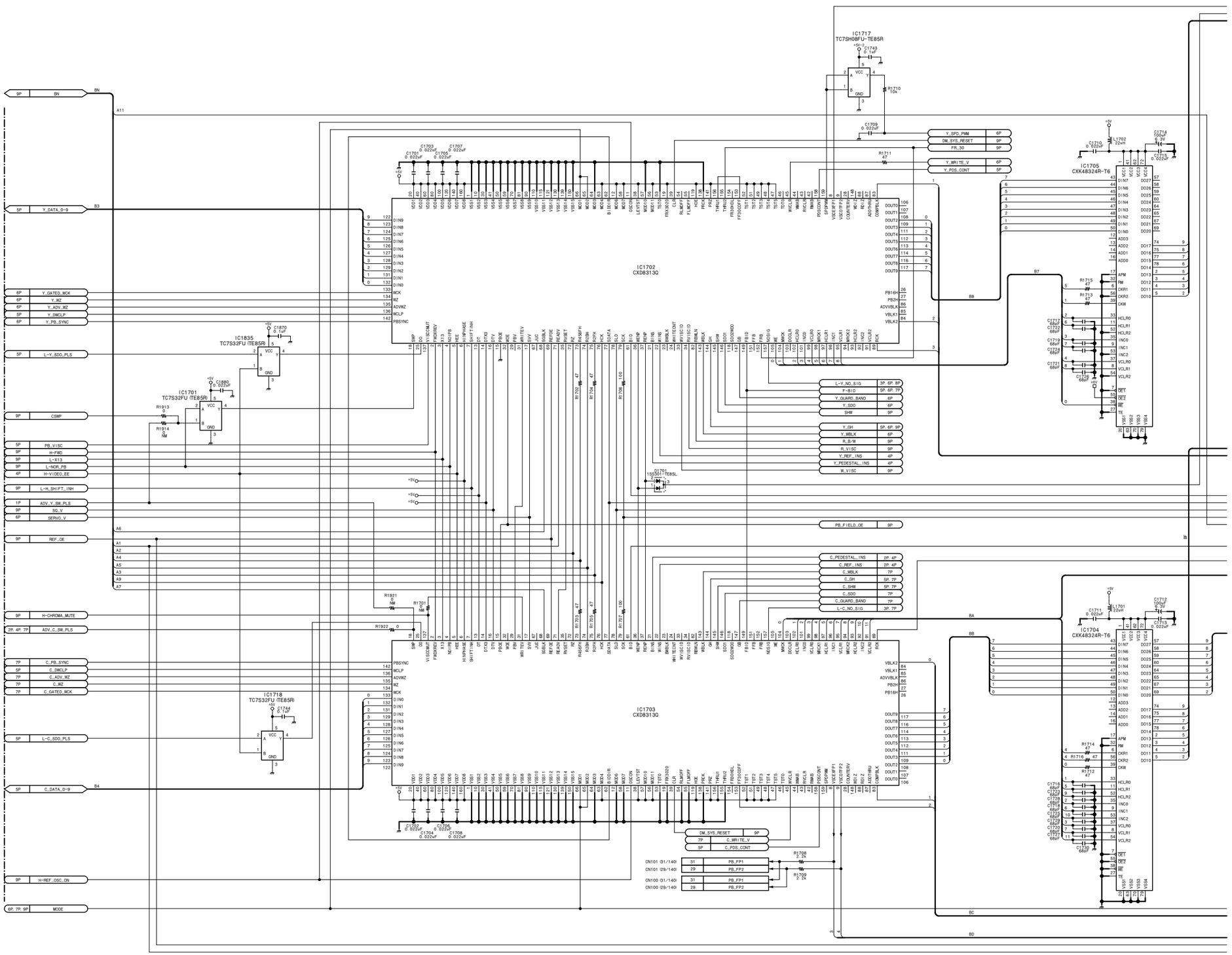

9P H-SV_LOCK
6P SERVO_V
8P C_GH
8P C_SHW
8P L-C_NO_SIG
9P XTAL_INS
4P ADV_C_SW_PLS
5P C_SYNC_SEP_VIDEO
8P C_WBLK
9P Y/C_DL_CONT
8P F-BID
6P C_SPD
9P SCH_TRACKING
8P C_SDO
9P PH
8P C_WRITE_V
4P H-OXIDE
8P C_GUARD_BAND
5P C_SIG_EX
4P YC_DELAY_CONT_CH
C_PB_SYNC
MODE 8P
W_DIAG_C
IC1601 (3/3) TC4W66FU (TE12R)
IC1601 (1/3) TC4W66FU (TE12R)
IC1601 (2/3) TC4W66FU (TE12R)
IC1602 (3/4) TL084CPW-E05
IC1603 (2/2) LM2903PW-E05
IC1604 TC4W53FU (TE12R)
IC1605 (1/4) TL084CPW-E05
IC1605 (2/4) TL084CPW-E05
IC1605 (3/4) TL084CPW-E05
IC1605 (4/4) TL084CPW-E05
IC1606 (3/5) TC74HC4066AFT (EL)
IC1608 TL712CPSR
IC1609 (1/3) SN74LS221NS-E05
IC1609 (2/3) SN74LS221NS-E05
IC1609 (3/3) SN74LS221NS-E05
Q1501 IMX1T110
Q1502 2SC4177-T1L5L6
Q1502 1SS300-TE85L
Q1601 DA204UT106
Q1602 2SA1611T1-M5M6
Q1603 2SA1611T1-M5M6
Q1604 2SC3735-T1B-B35
Q1605 2SA1611T1-M5M6
RV1601: Y/C DLY
RV1602: ME BCH Y/C DLY
RV1603: OX Y/C DLY
RV1604: OX BCH Y/C DLY
RV1605: C FREQ
RV1606: C SLOPE
TP1501
E1501
E1601



RF DEMODULATOR, TBC

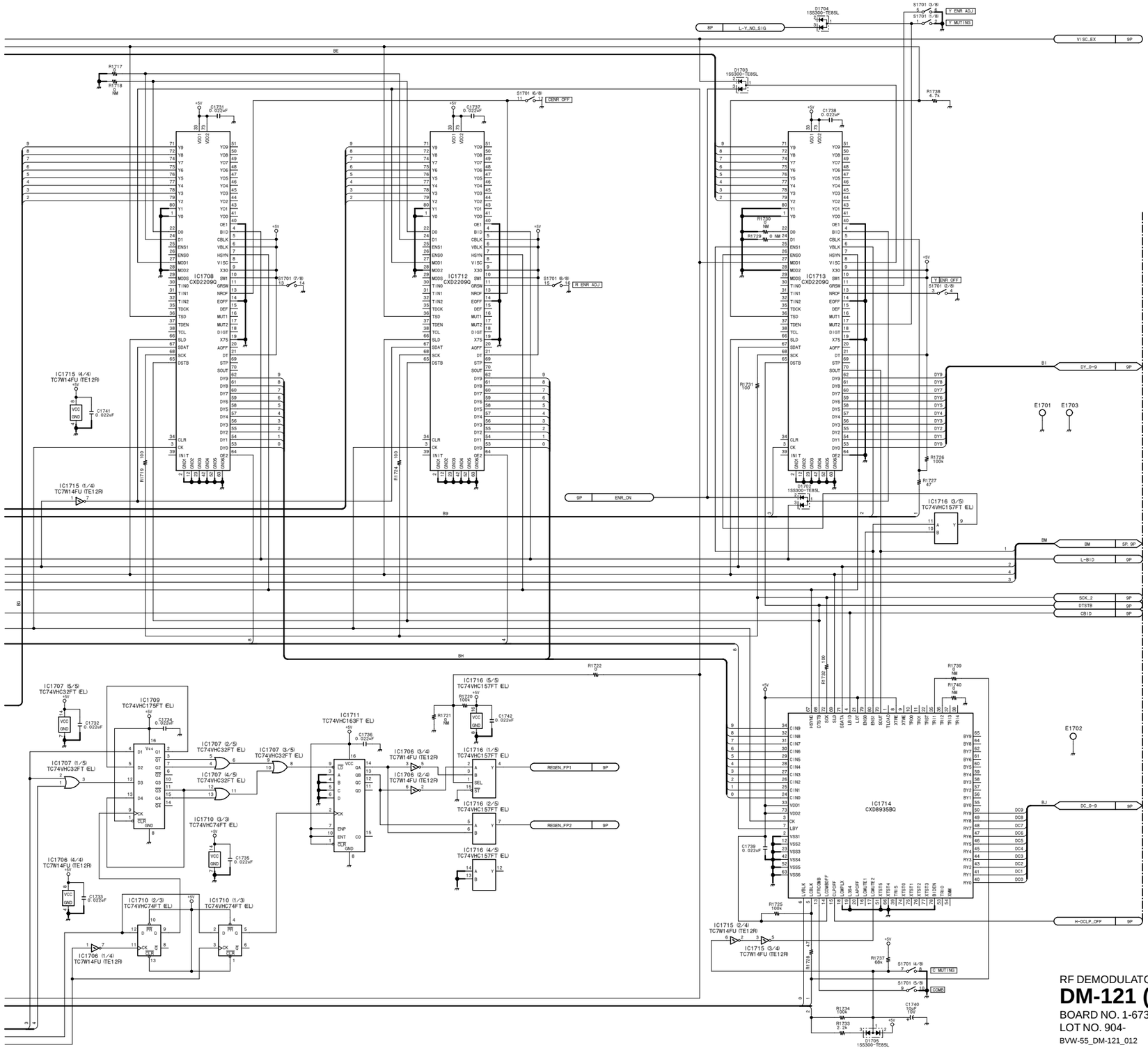
DM-121 (7/9)

BOARD NO. 1-673-526-12
LOT NO. 904-
BVW-55_DM-121_012



4-48 (b) 4-48 (b)

BVW-55



RF DEMODULATOR, TBC

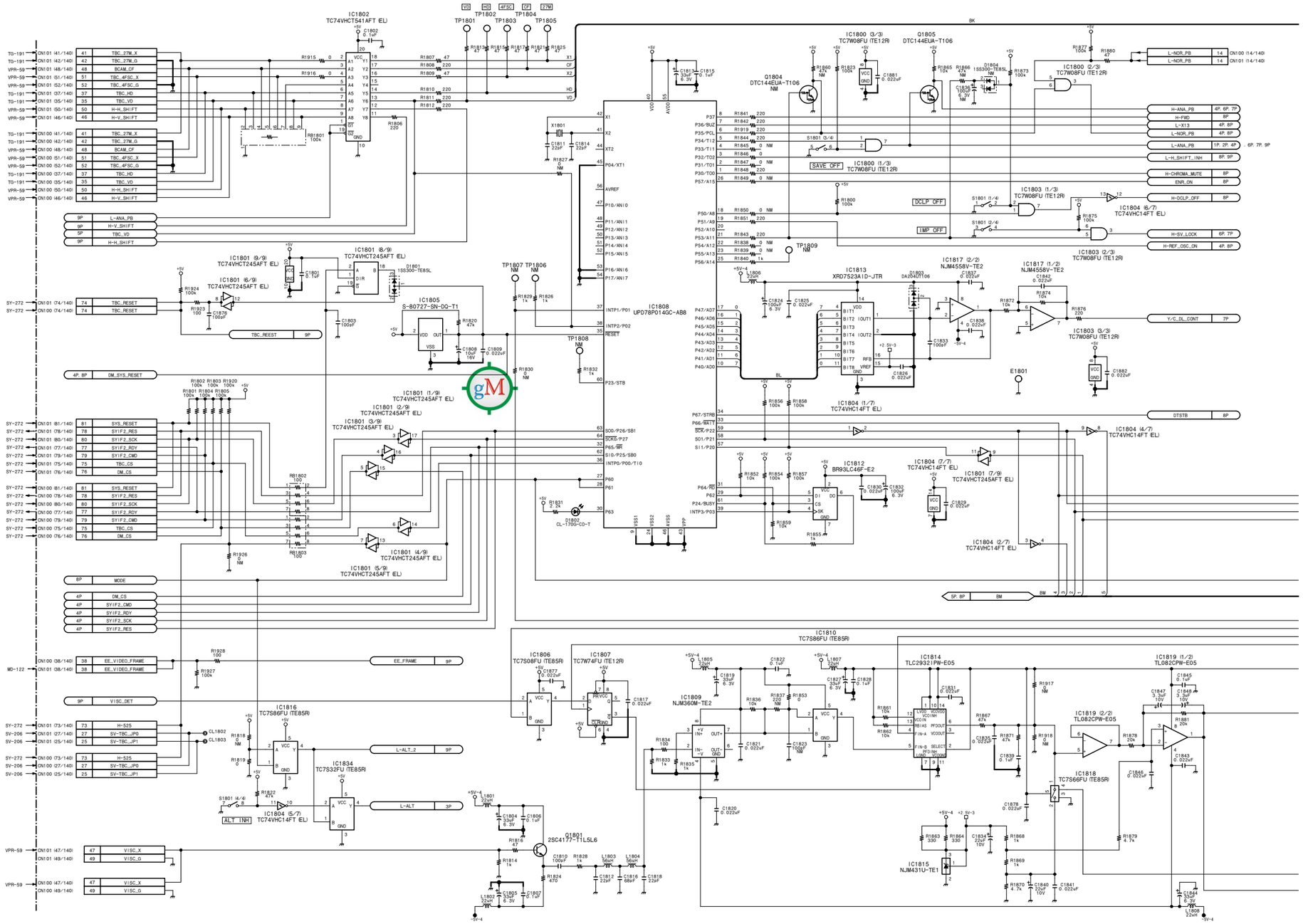
DM-121 (8/9)

BOARD NO. 1-673-526-12

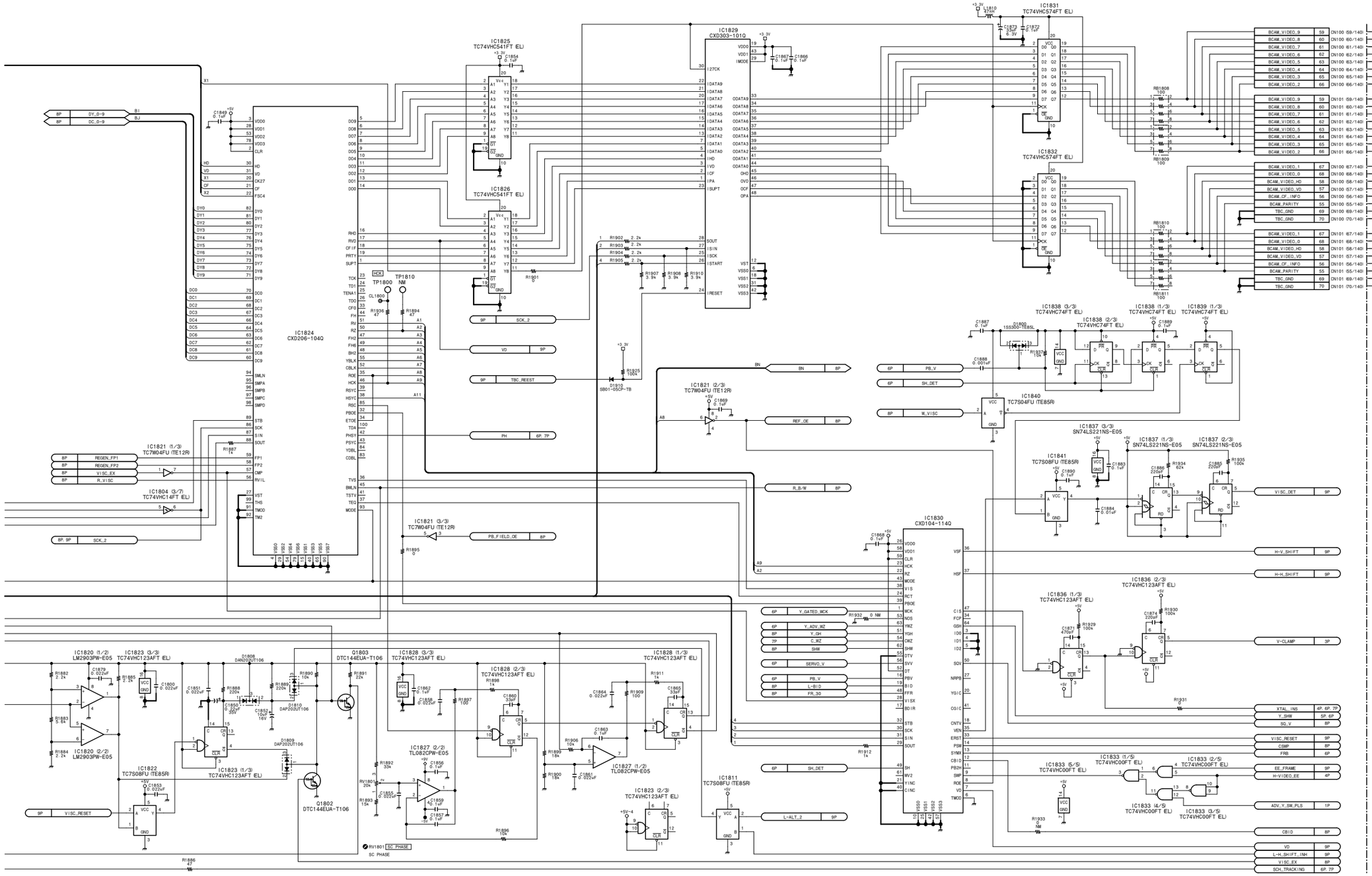
LOT NO. 904-

BVW-55_DM-121_012

DM-121 (9/9)



4-50 (b) 4-50 (b)



RF DEMODULATOR, TBC

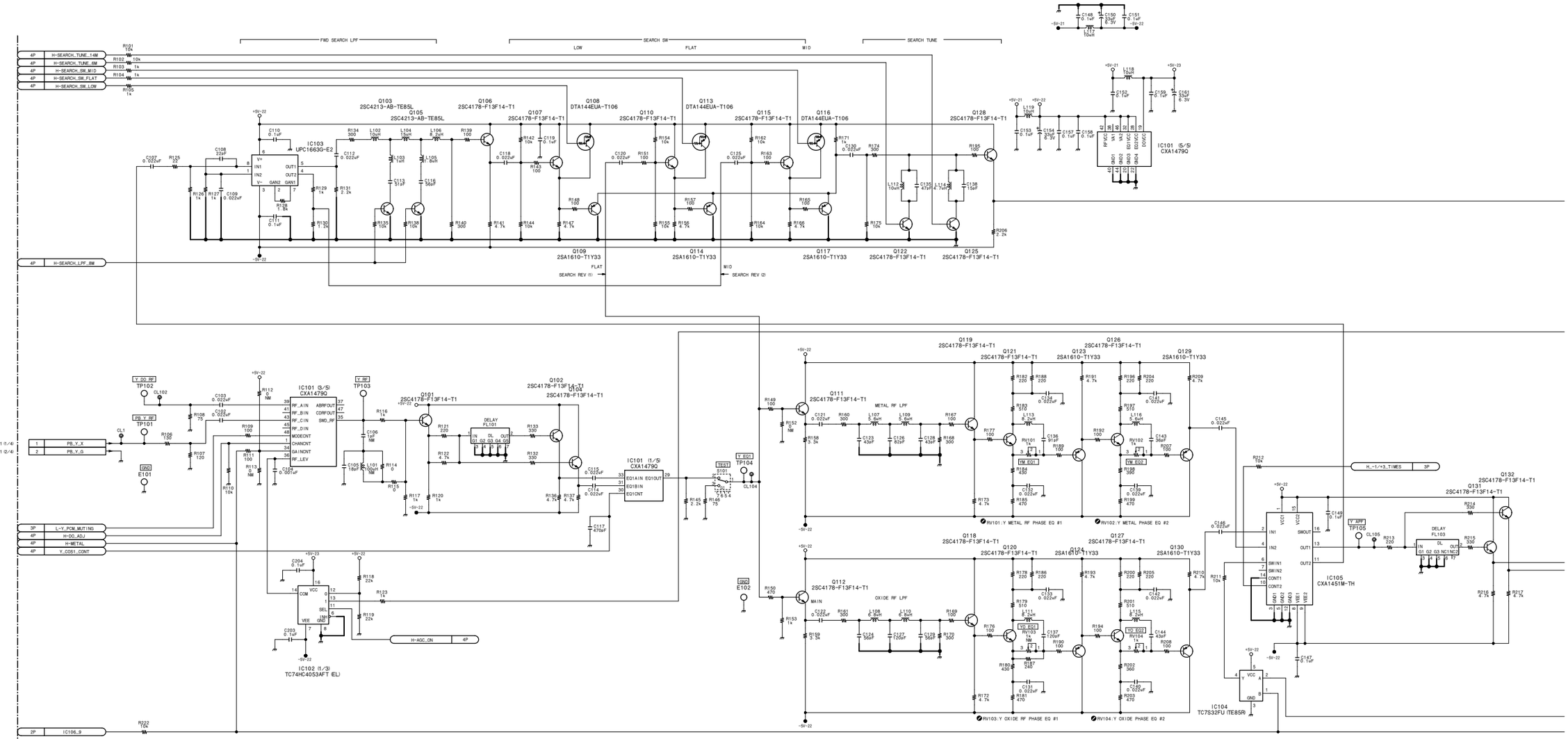
DM-121 (9/9)

BOARD NO. 1-673-526-12

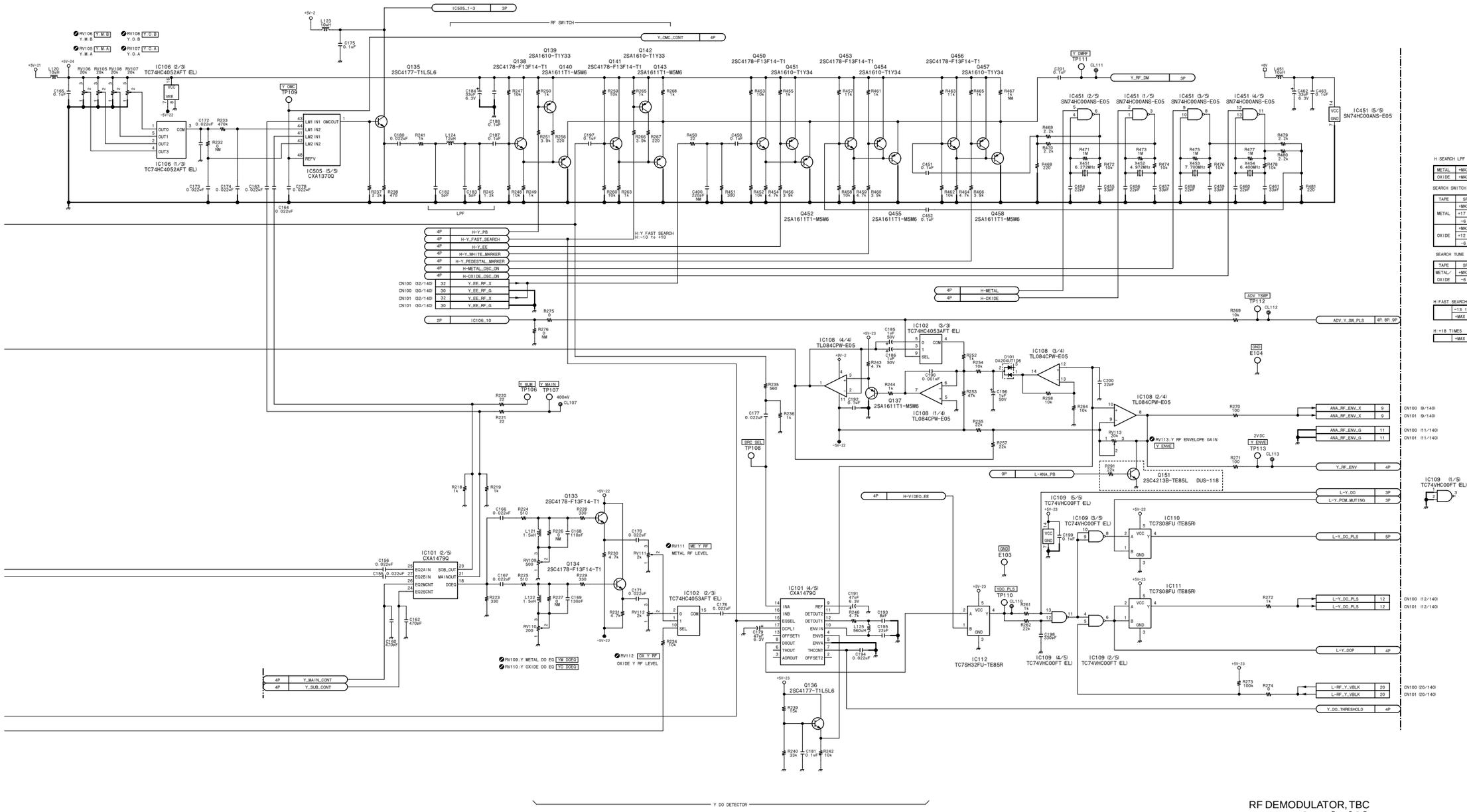
LOT NO. 904-

BVW-55_DM-121_012

DM-121 (1/9)



4-34 (a)



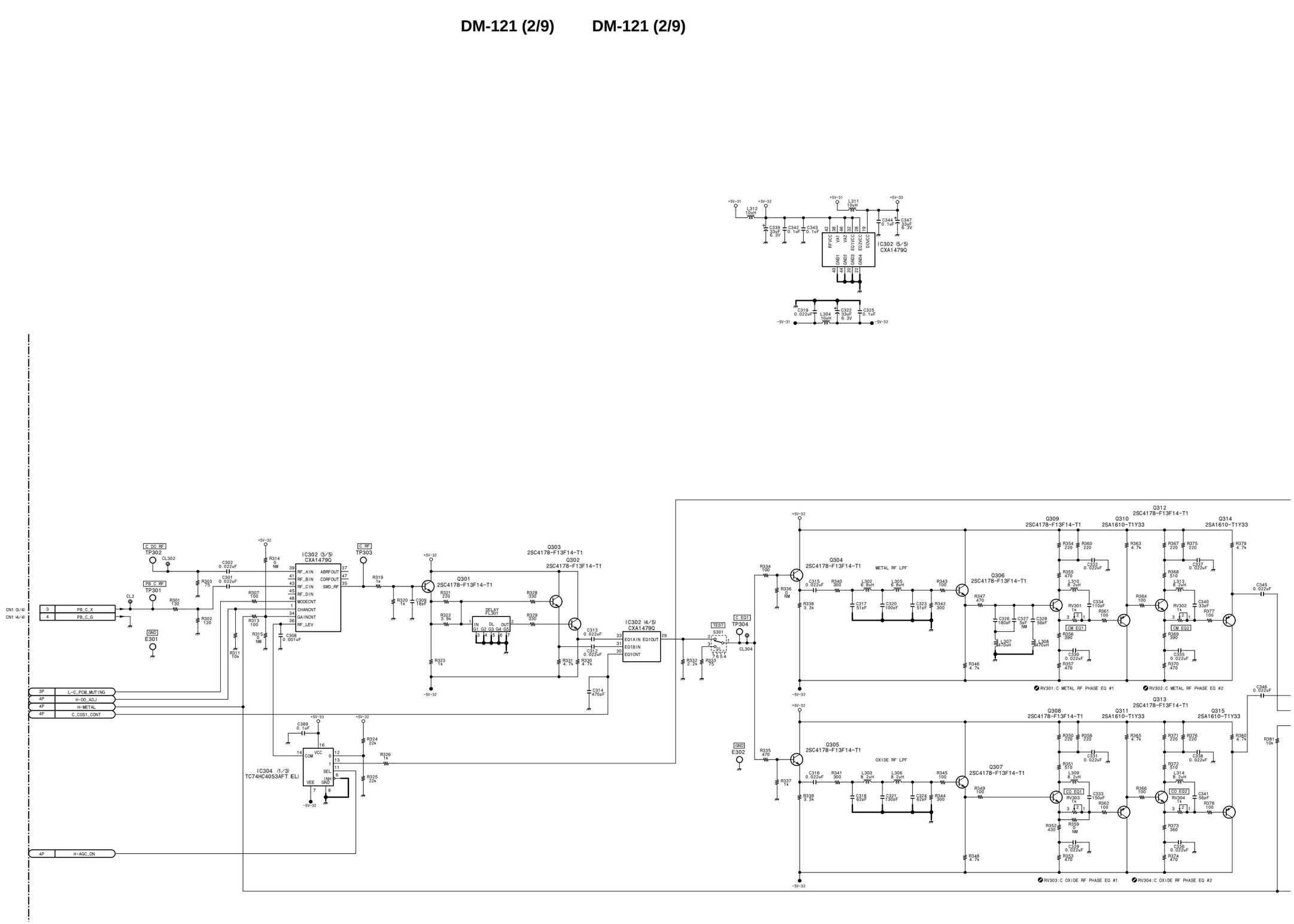
RF DEMODULATOR, TBC

DM-121 (1/9)

BOARD NO. 1-673-526-11
LOT NO. 812-

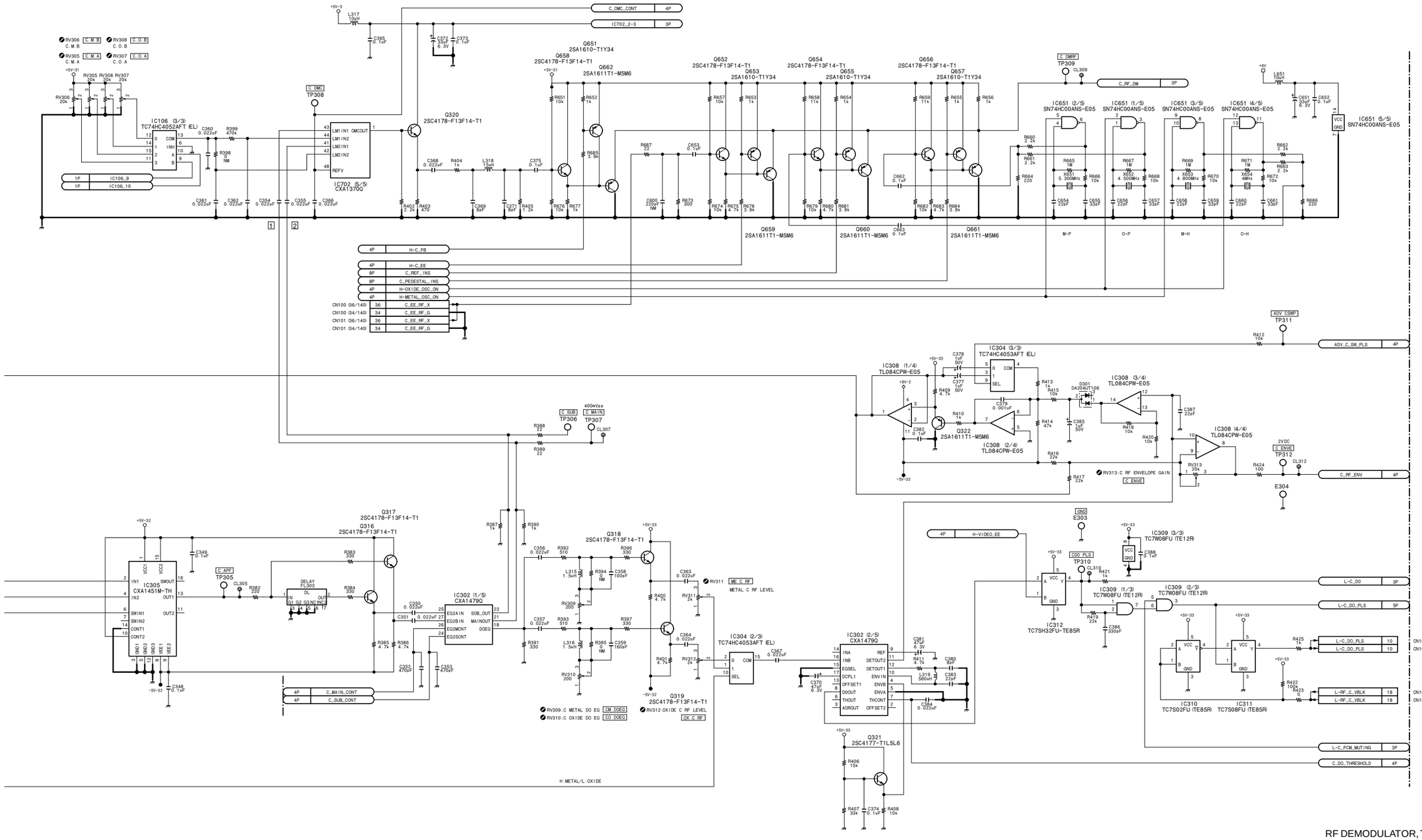
BVW-55_DM-121_011

DM-121 (2/9)



4-36 (a)

http://getMANUAL.com



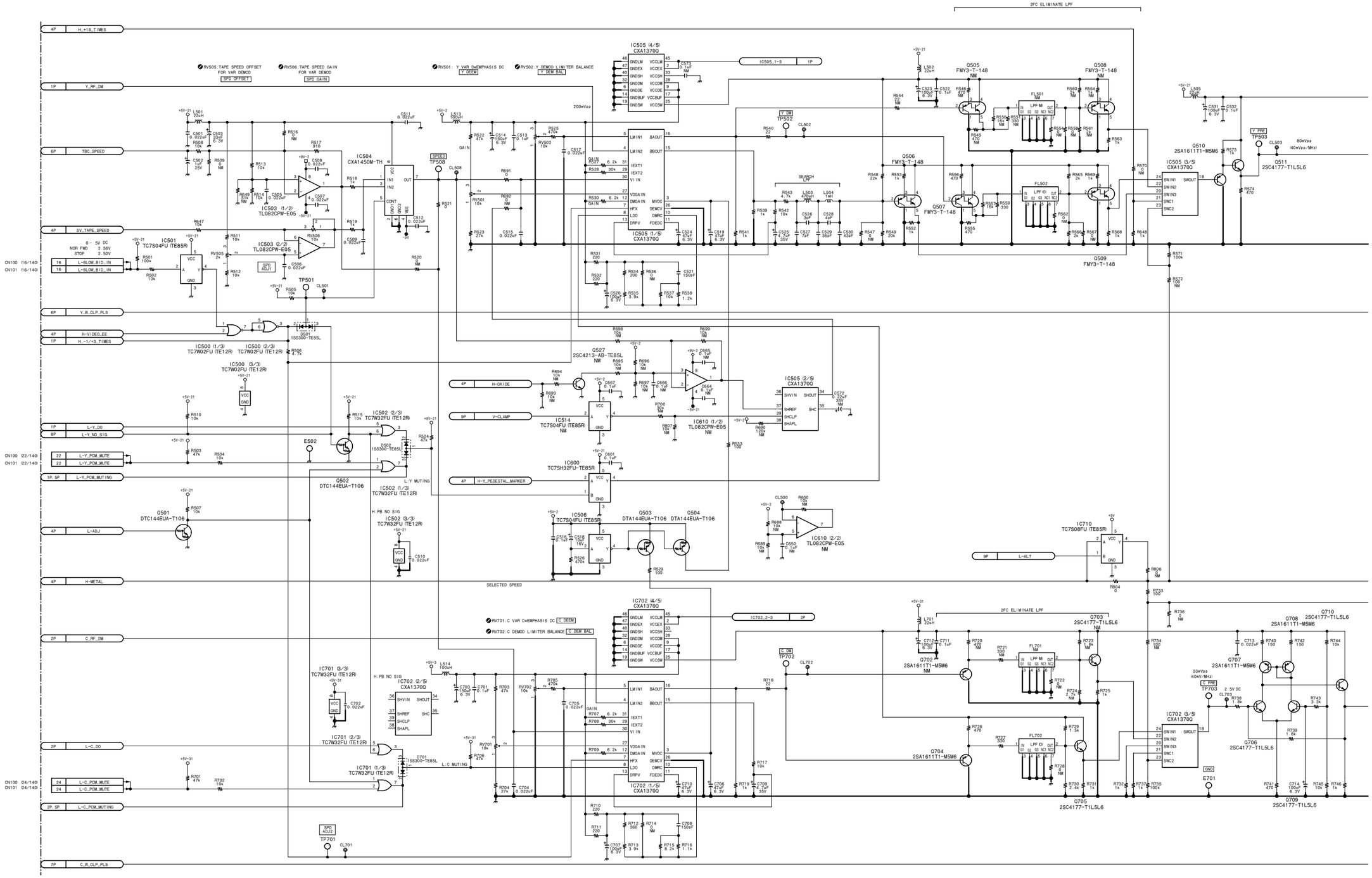
RF DEMODULATOR, TBC

DM-121 (2/9)

BOARD NO. 1-673-526-11
LOT NO. 812-

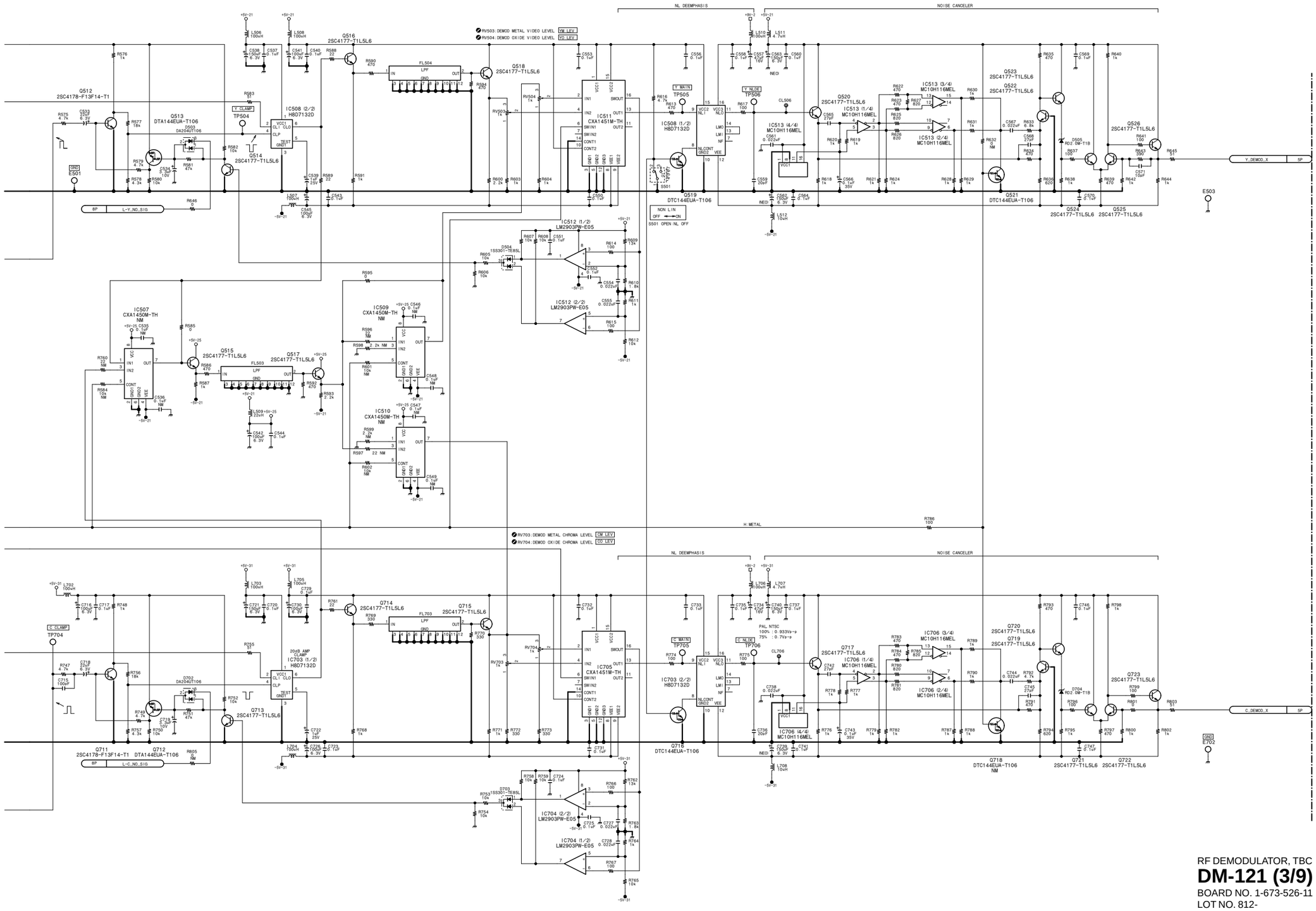
BVW-55_DM-121_011

DM-121 (3/9)

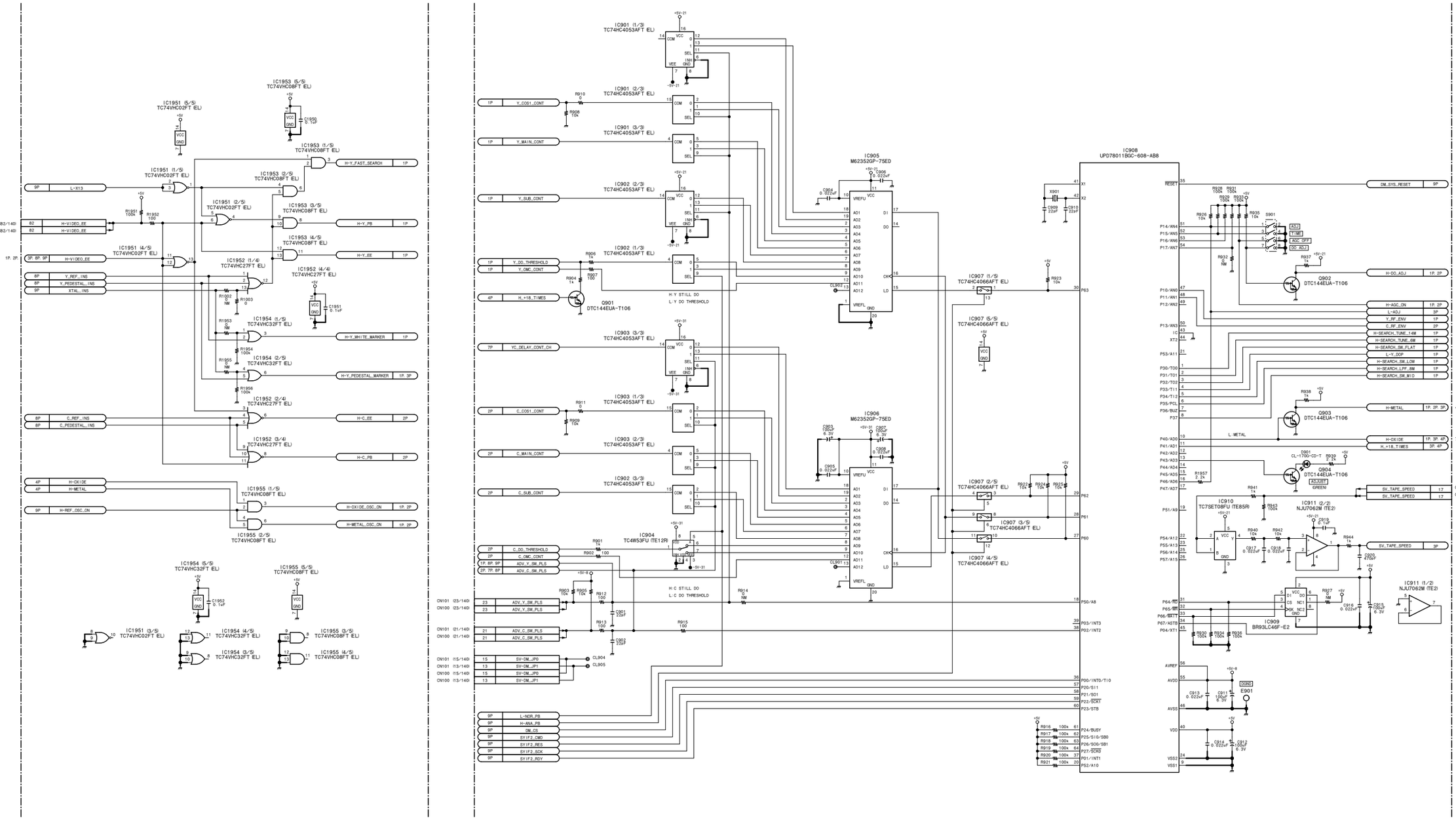


4-38 (a)

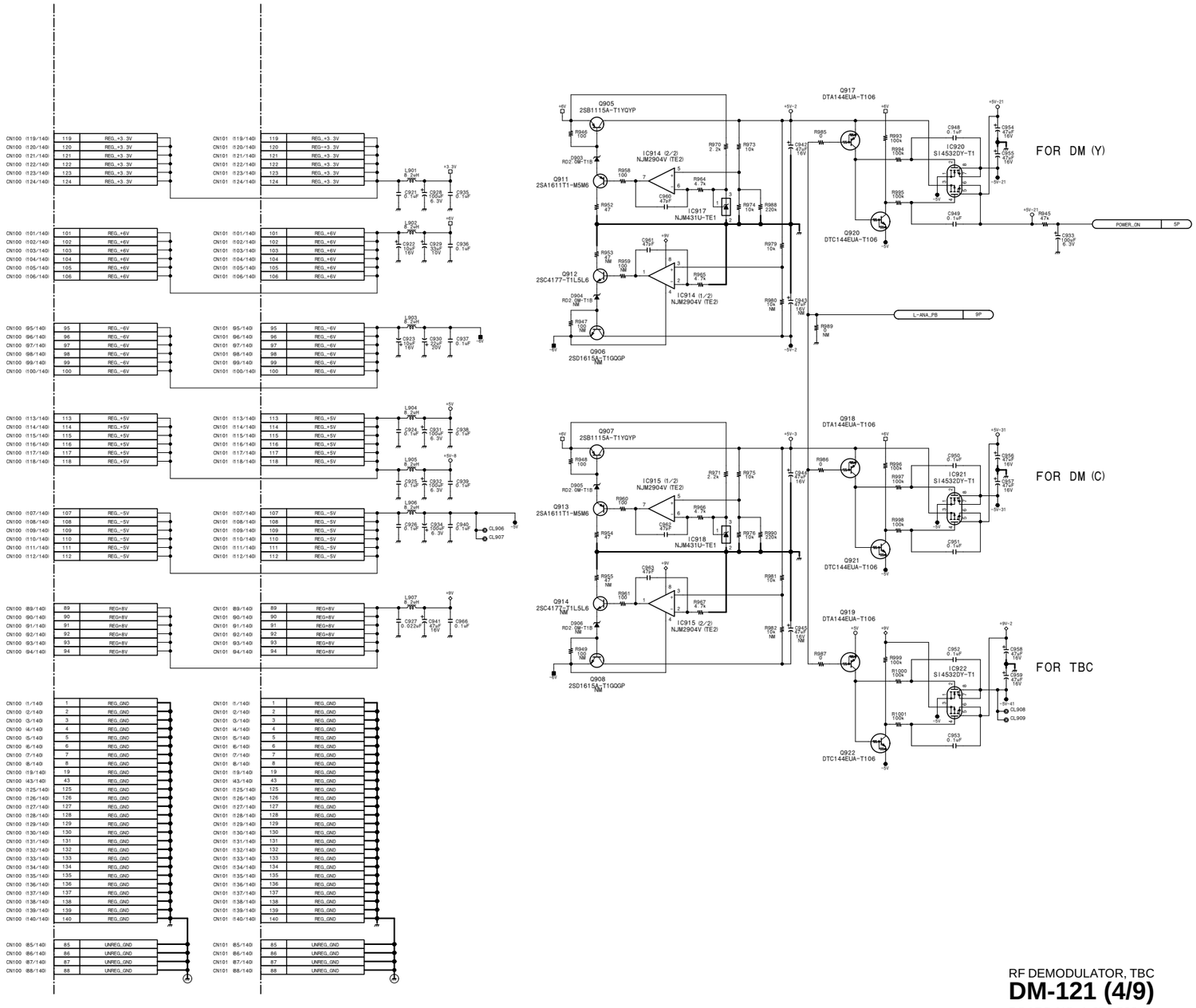
DM-121 (3/9)


NL DEEMPHASIS
NOISE CANCELER
RV503:DEMOD METAL VIDEO LEVEL VM LEV
RV504:DEMOD OXIDE VIDEO LEVEL VO LEV
RV703:DEMOD METAL CHROMA LEVEL CM LEV
RV704:DEMOD OXIDE CHROMA LEVEL CO LEV
H:METAL
Y_DEMOD_X
C_DEMOD_X
PAL/NTSC
100% : 0.933Vp-p
75% : 0.7Vp-p
NON LIN
OFF ON
S501 OPEN:NL OFF
RF DEMODULATOR, TBC
DM-121 (3/9)
BOARD NO. 1-673-526-11
LOT NO. 812-
BVW-55_DM-121_011

DM-121 (4/9)



4-40 (a)



RF DEMODULATOR, TBC

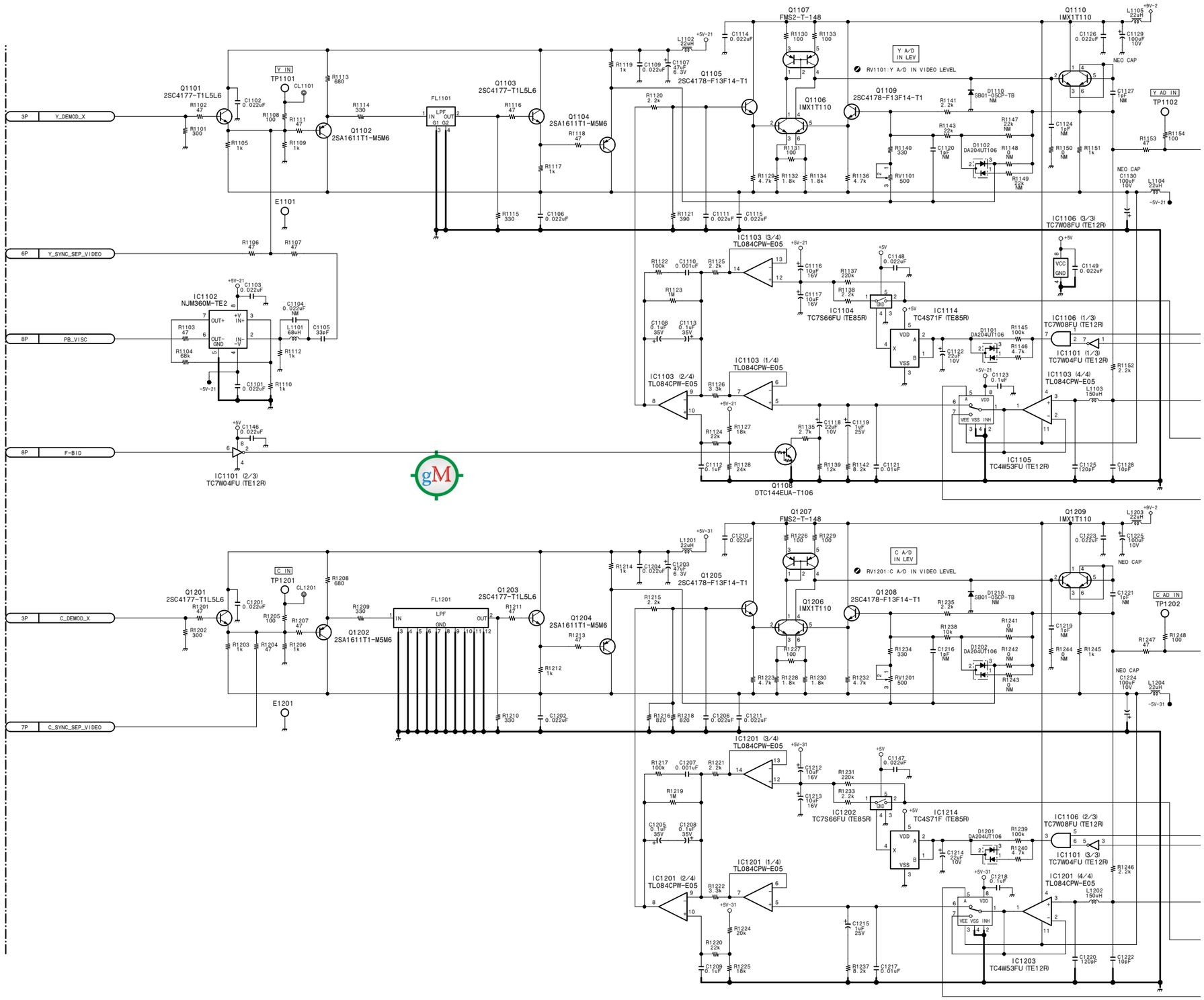
DM-121 (4/9)

BOARD NO. 1-673-526-11

LOT NO. 812-

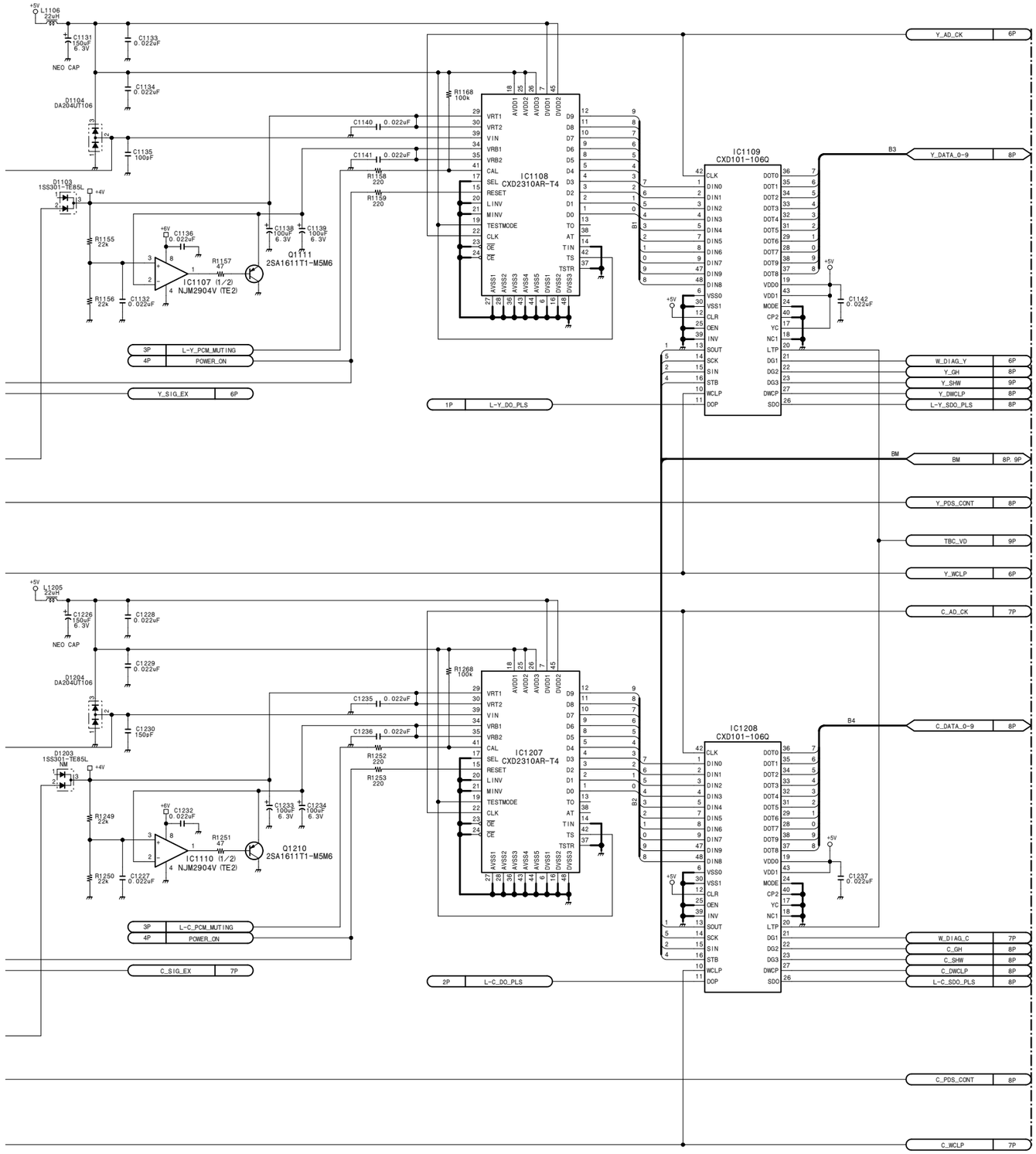
BVW-55_DM-121_011

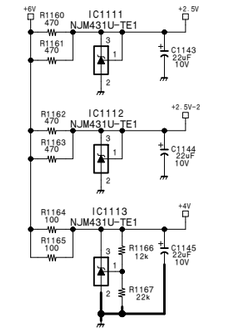
DM-121 (5/9)

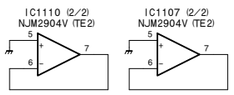


4-42 (a)

DM-121 (5/9)

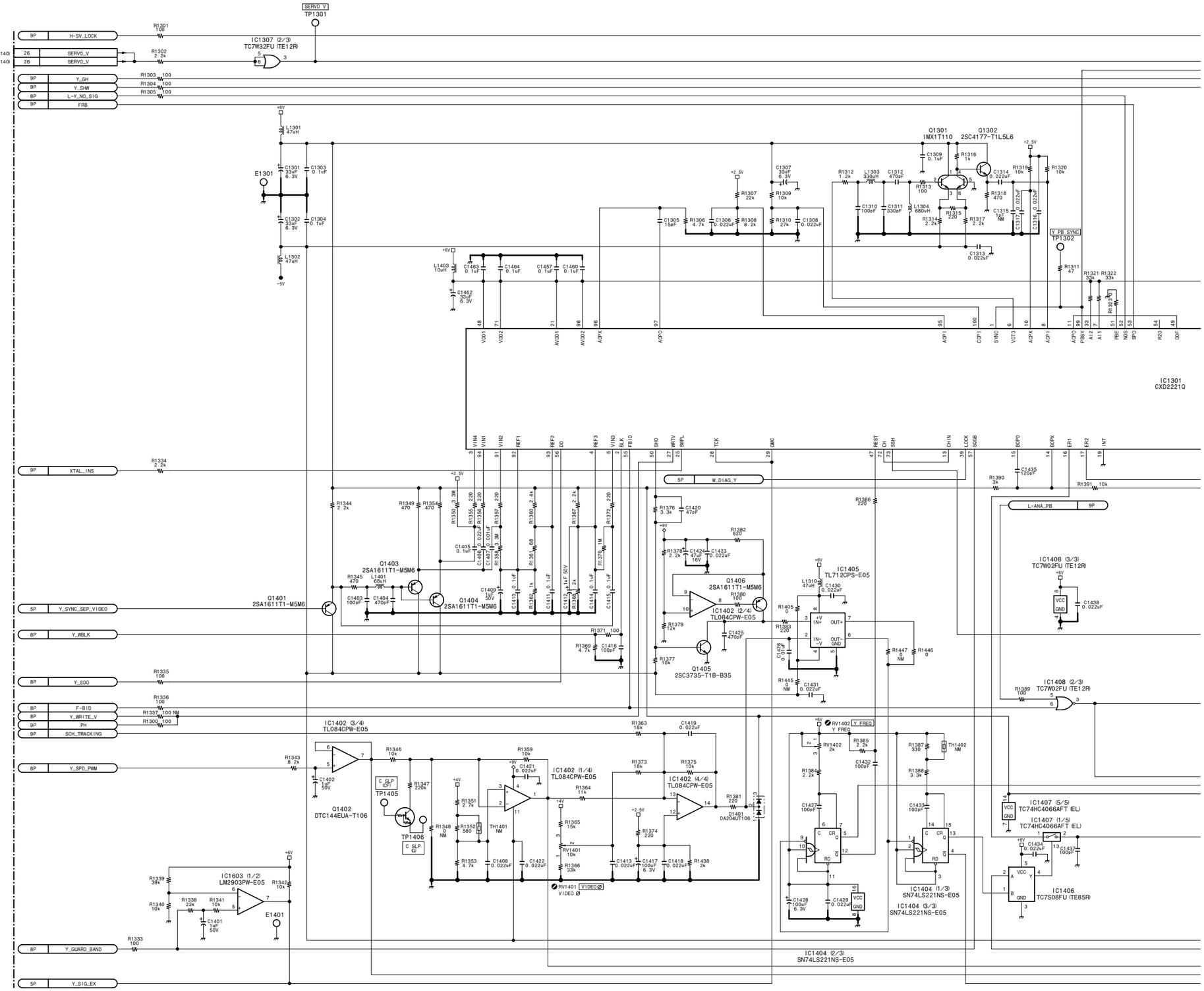






E1102

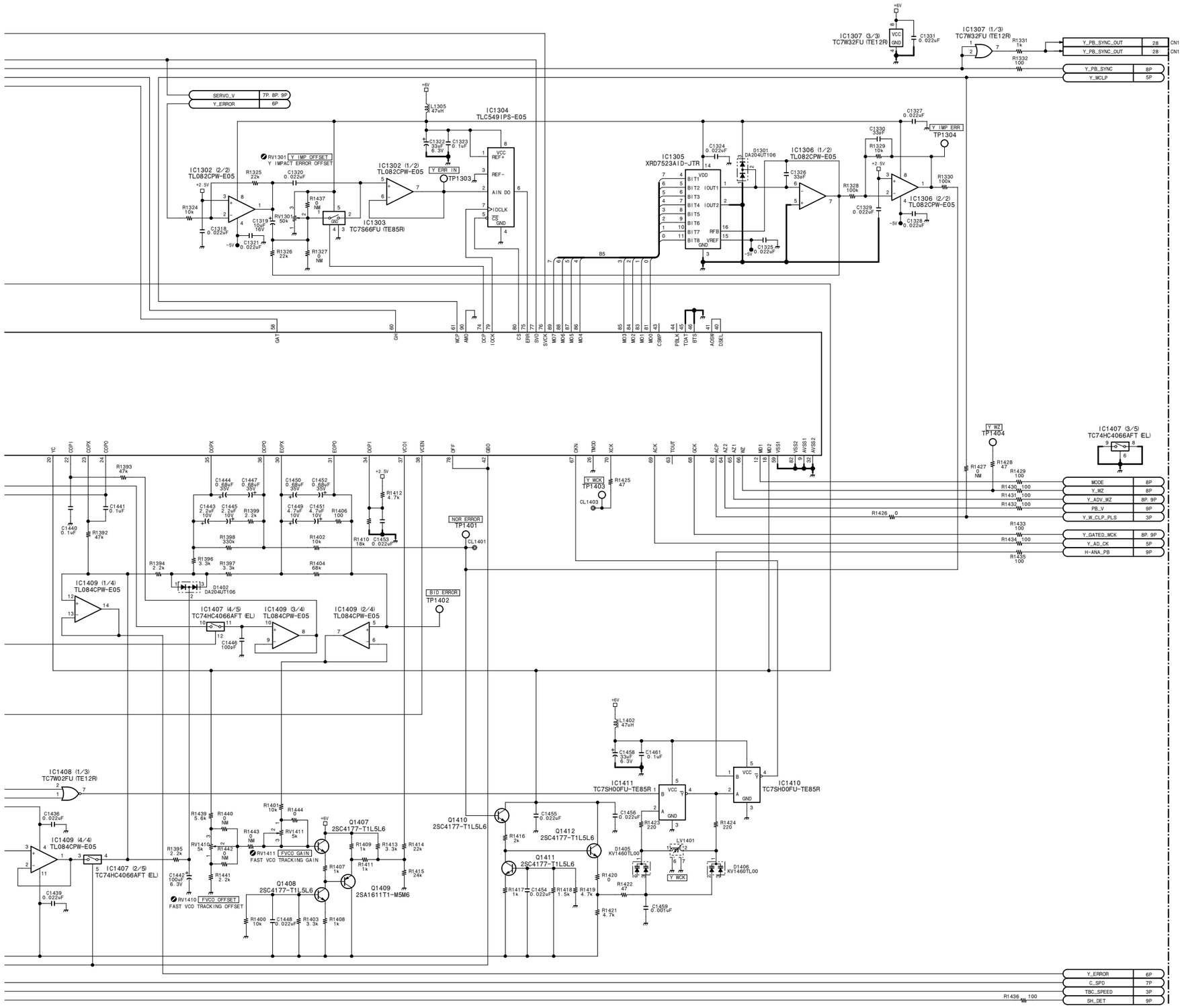
RF DEMODULATOR, TBC
DM-121 (5/9)
BOARD NO. 1-673-526-11
LOT NO. 812-
BVW-55_DM-121_011



4-44 (a) 4-44 (a)

BVW-55

DM-121 (6/9)



RF DEMODULATOR, TBC

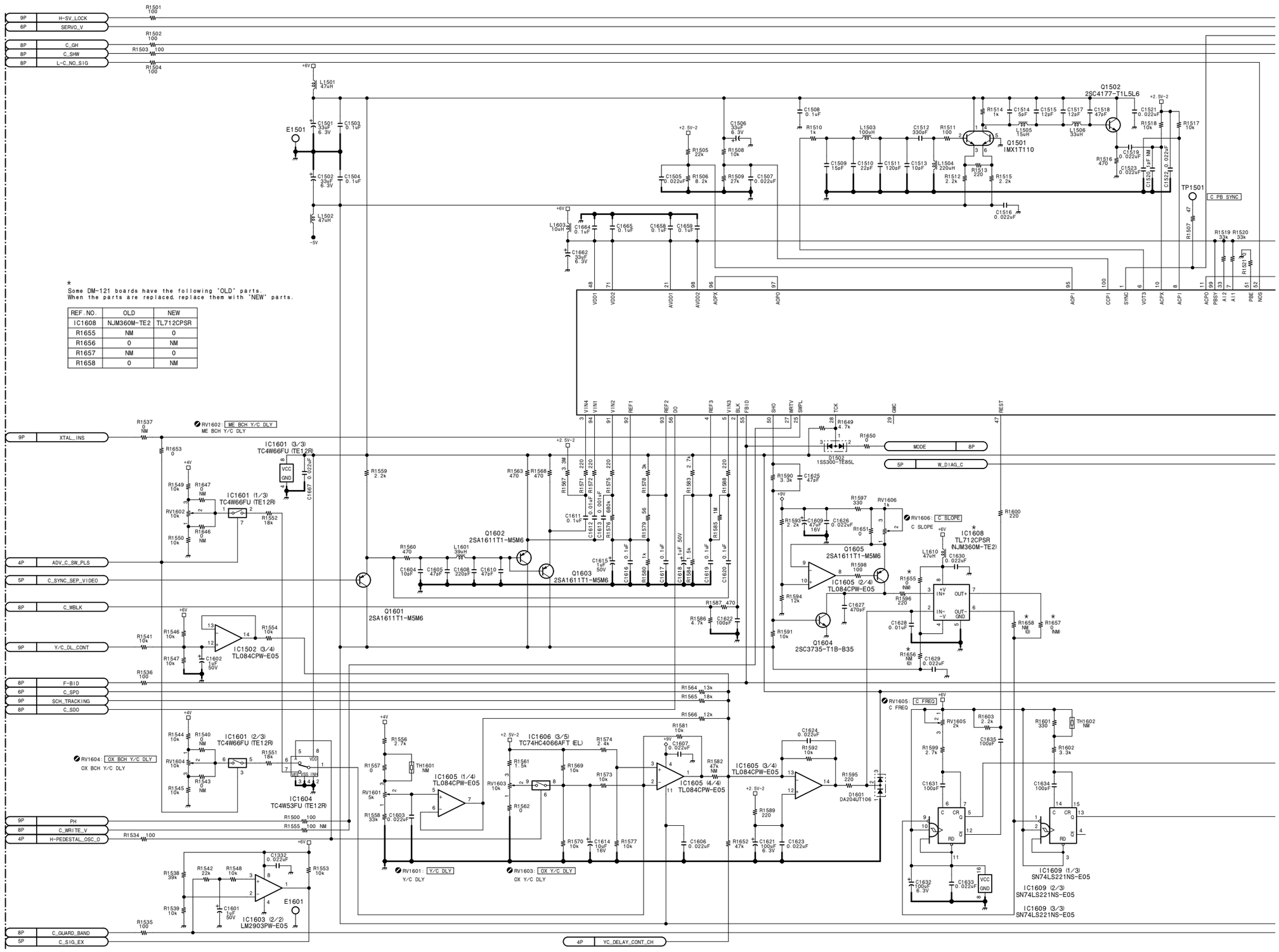
DM-121 (6/9)

BOARD NO. 1-673-526-11

LOT NO. 812-

BVW-55_DM-121_011

DM-121 (7/9)



4-46 (a) 4-46 (a)

BVW-55

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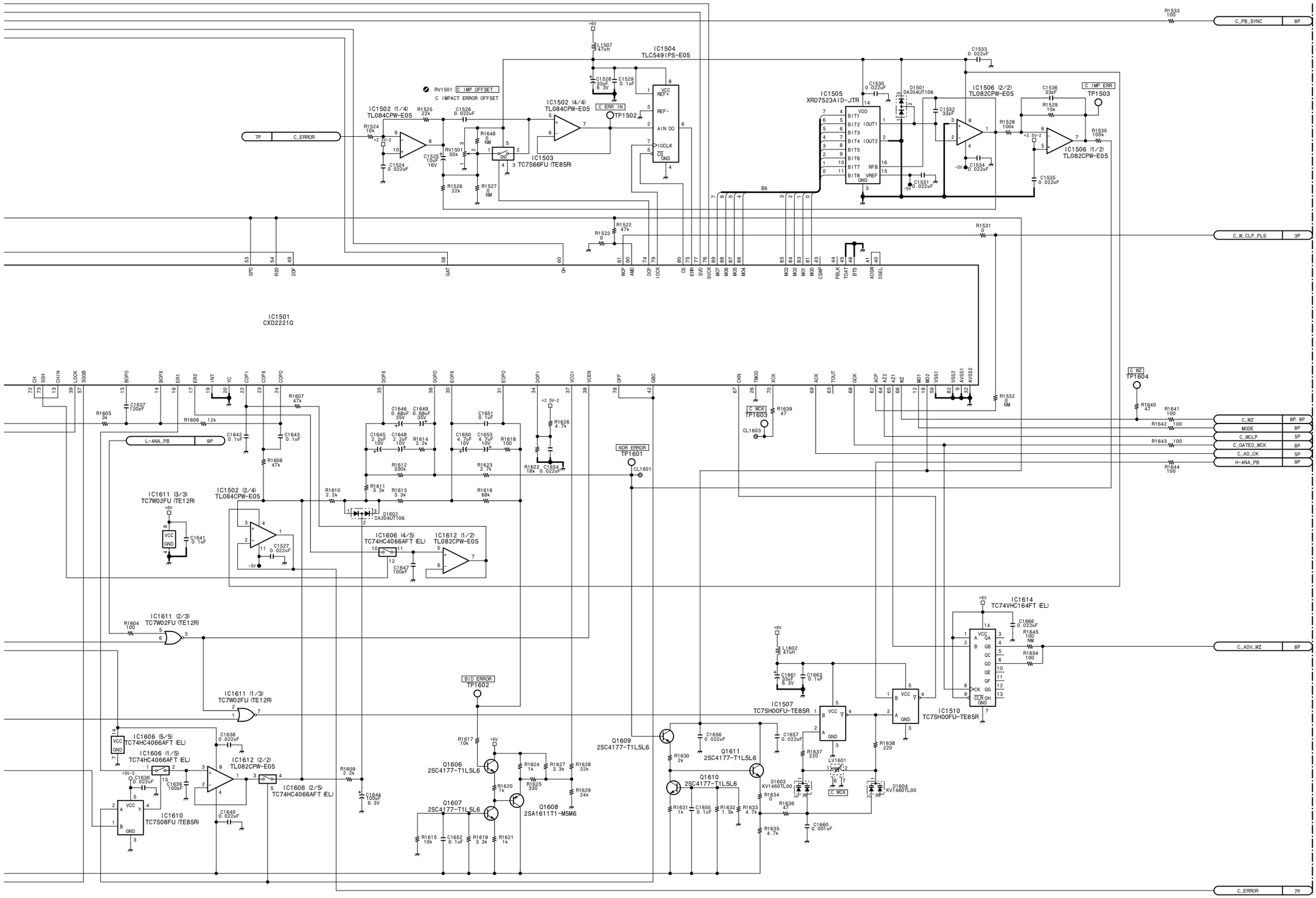
 DM-121 (7/9)



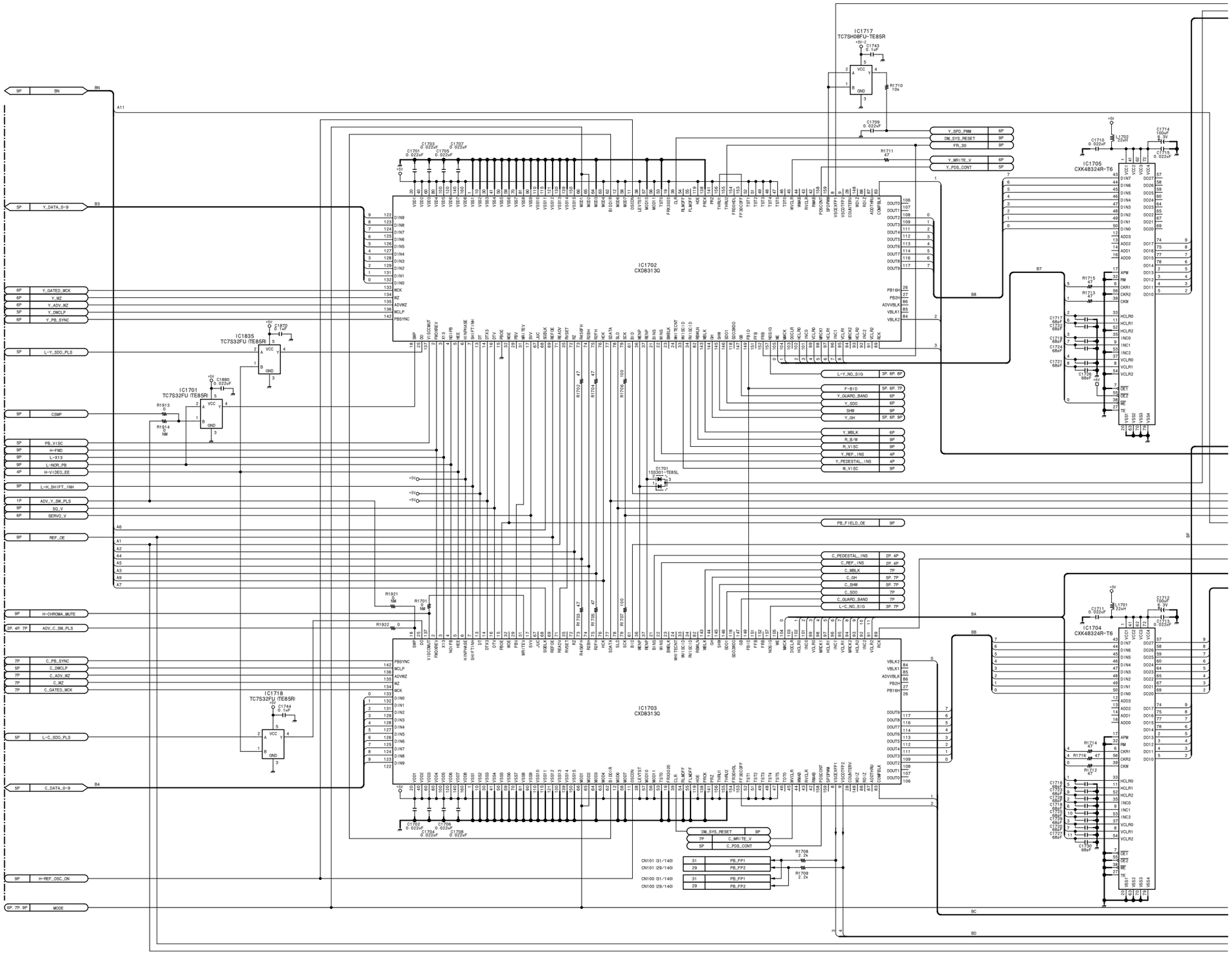
RF DEMODULATOR, TBC

DM-121 (7/9)

BOARD NO. 1-673-526-11

LOT NO. 812-

BVW-55_DM-121_011

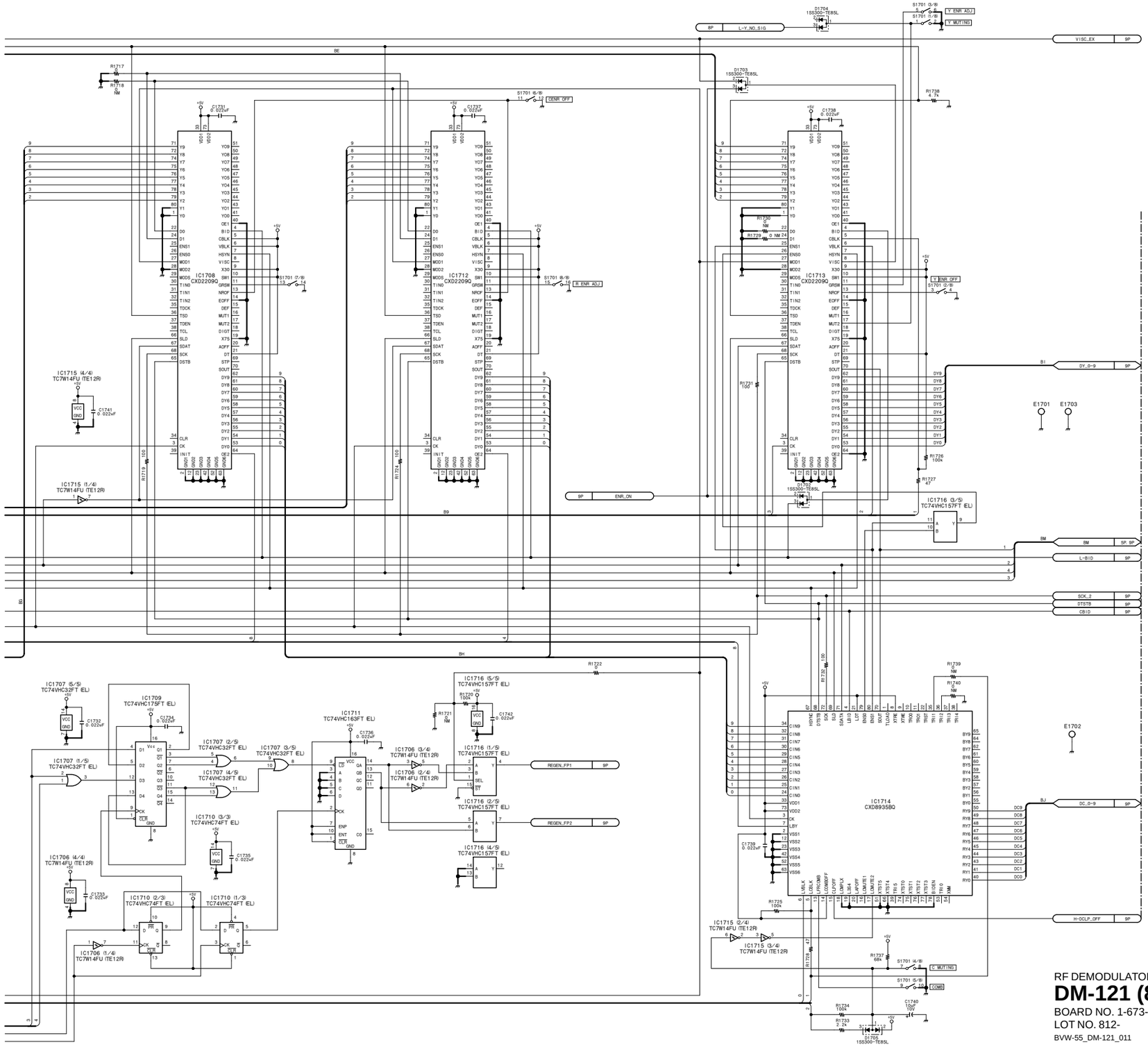


4-48 (a) 4-48 (a)

BVW-55

A B C D E F G H

DM-121 (8/9)

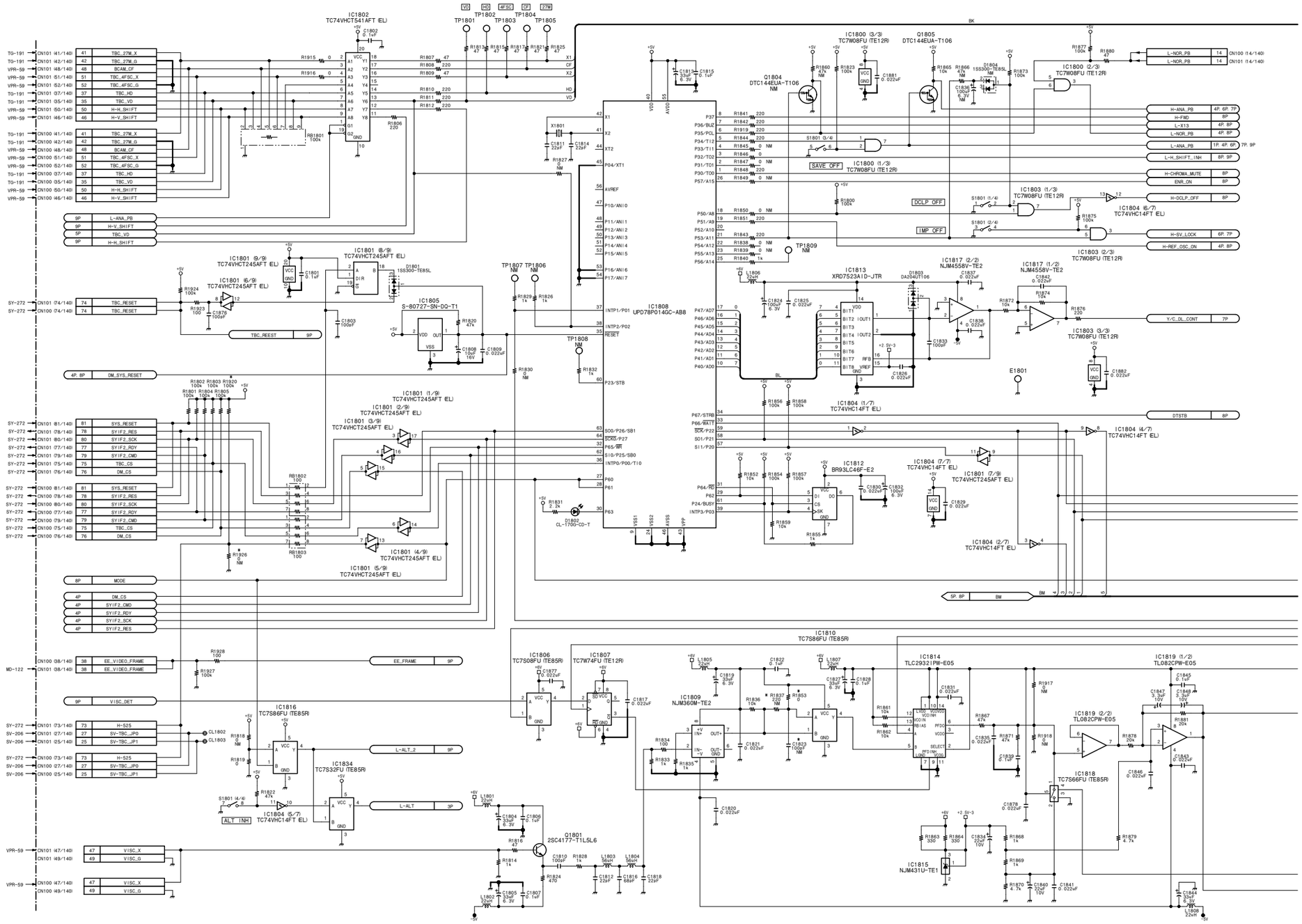


RF DEMODULATOR, TBC

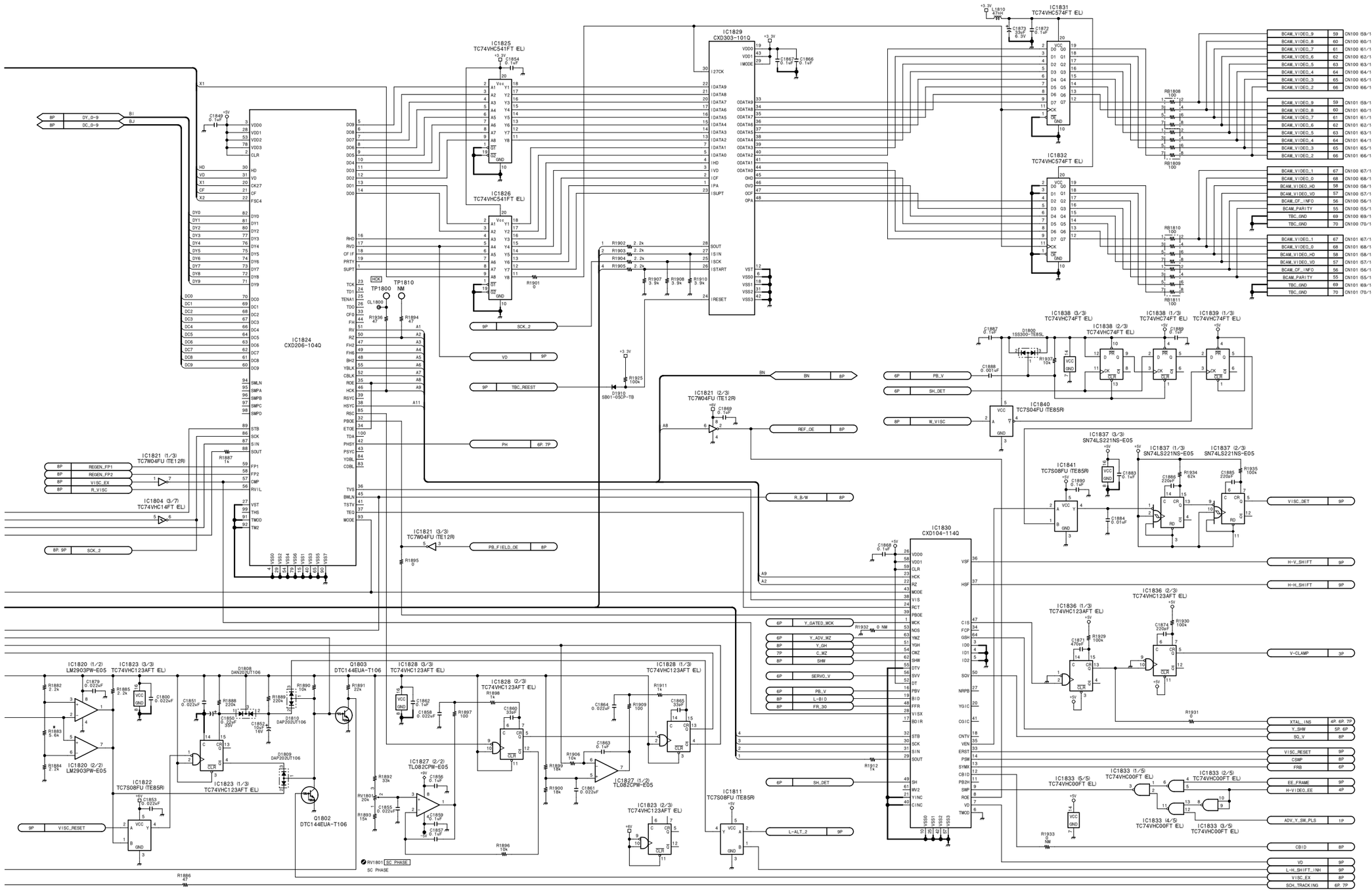
DM-121 (8/9)

BOARD NO. 1-673-526-11
LOT NO. 812-
BVW-55_DM-121_011

DM-121 (9/9)



4-50 (a)



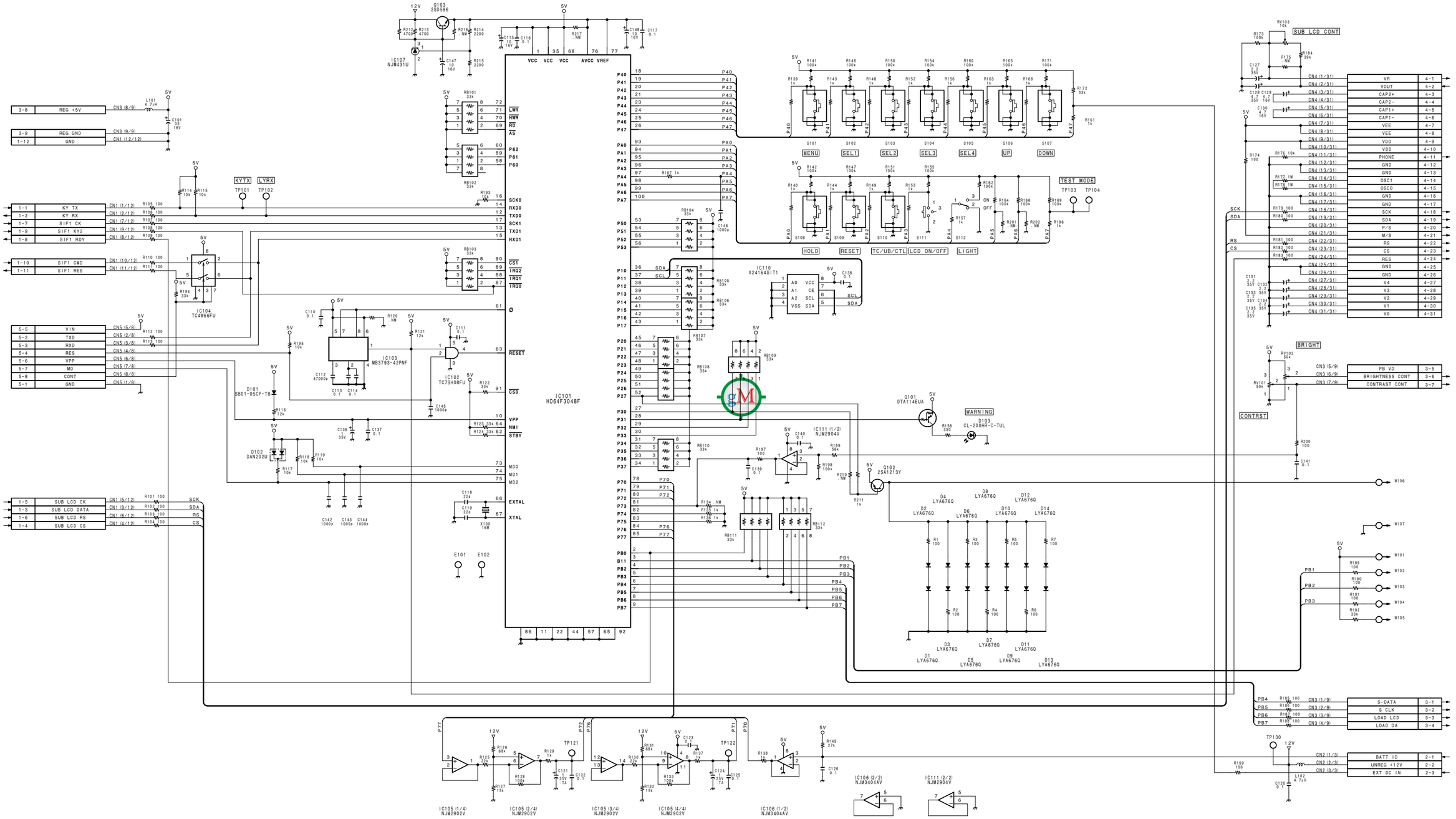
RF DEMODULATOR, TBC

DM-121 (9/9)

BOARD NO. 1-673-526-11

LOT NO. 812-

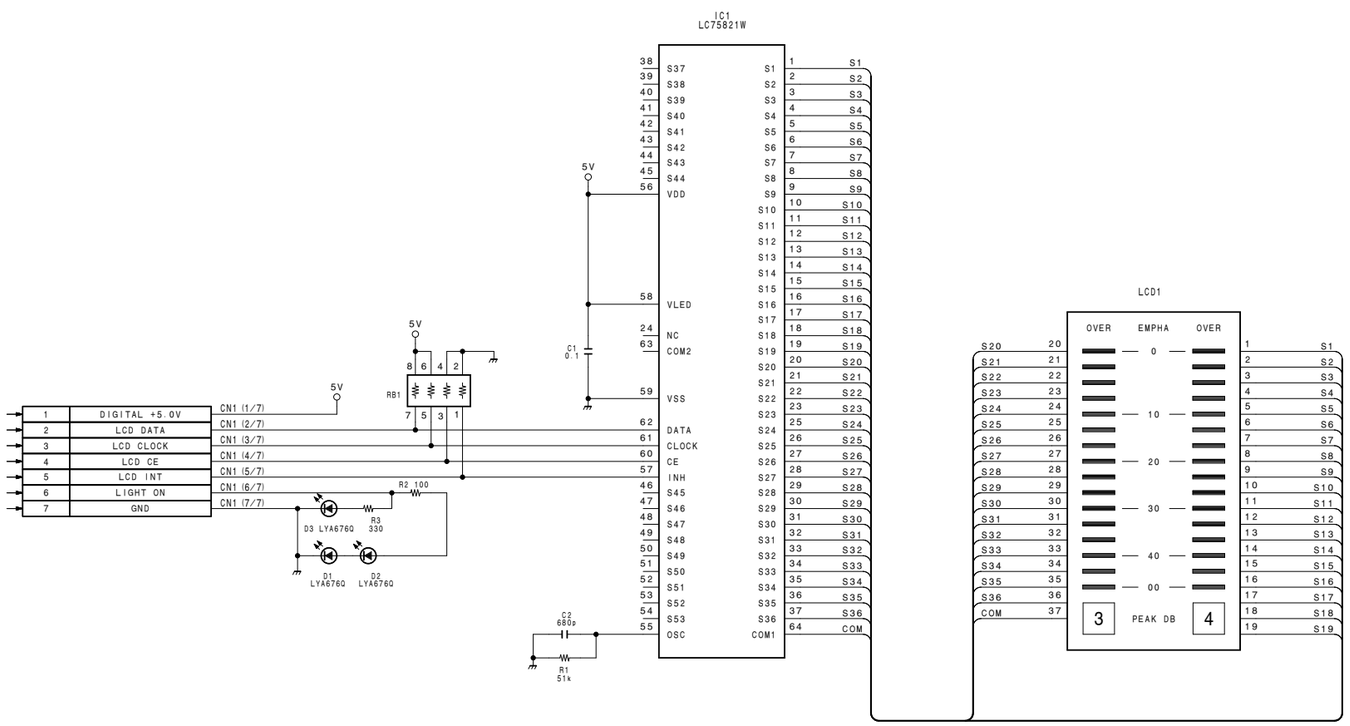
BVW-55_DM-121_011



DISPLAY PANEL CONTROL FOR SUB LCD

DP-264

BOARD NO. 1-667-472-16
LOT NO. 812-
B-#BVW55-DP264-15@

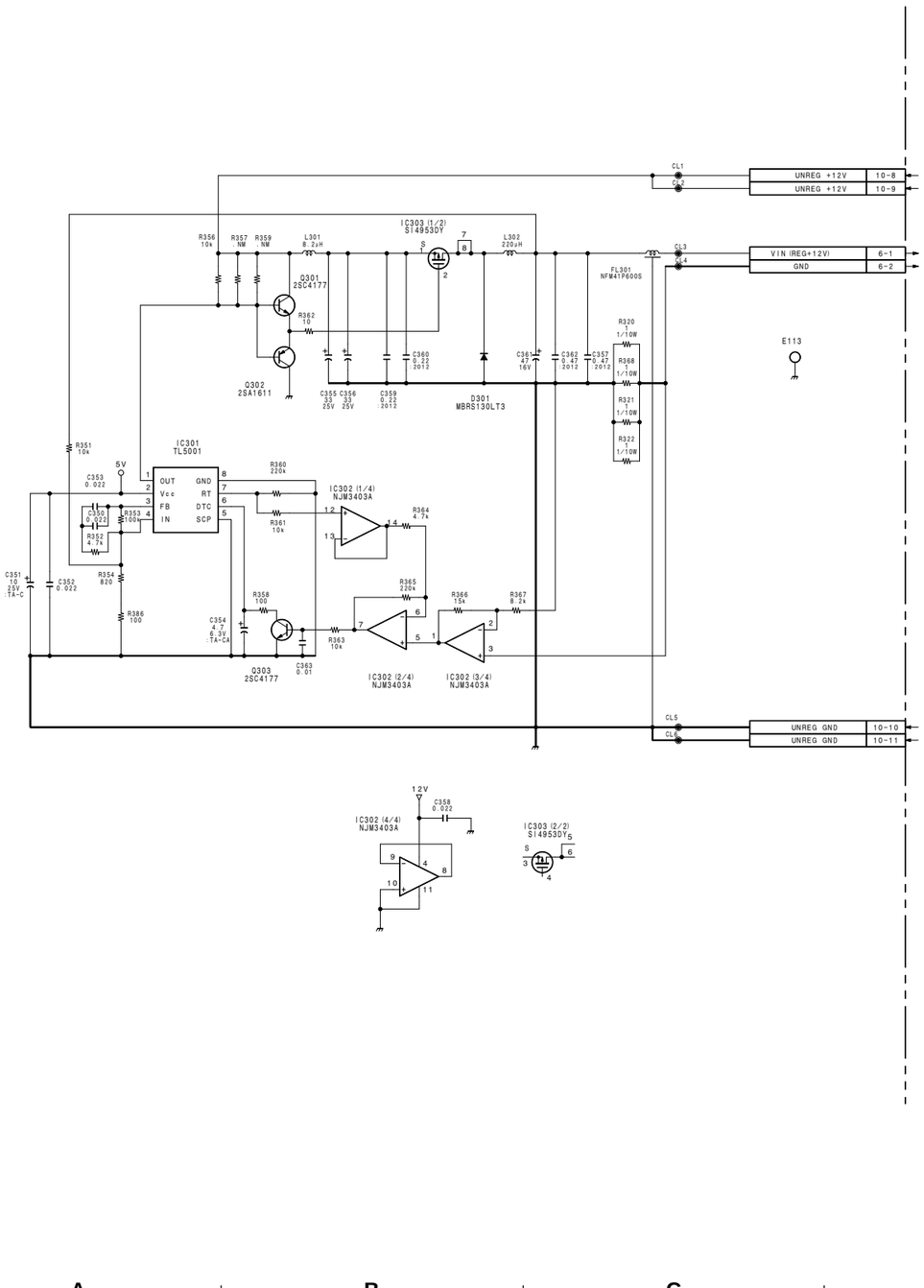


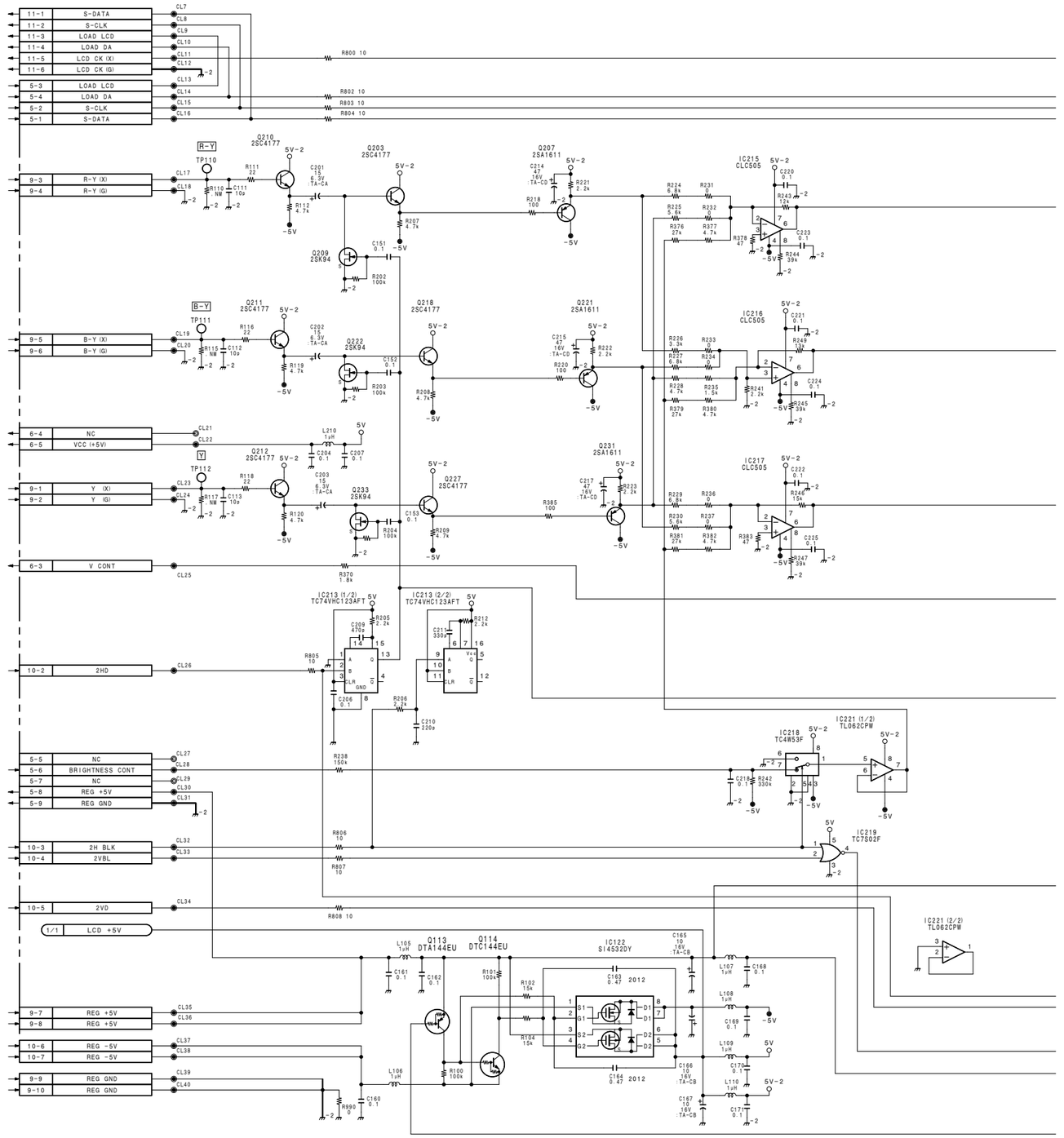
AUDIO METER LCD

DP-277

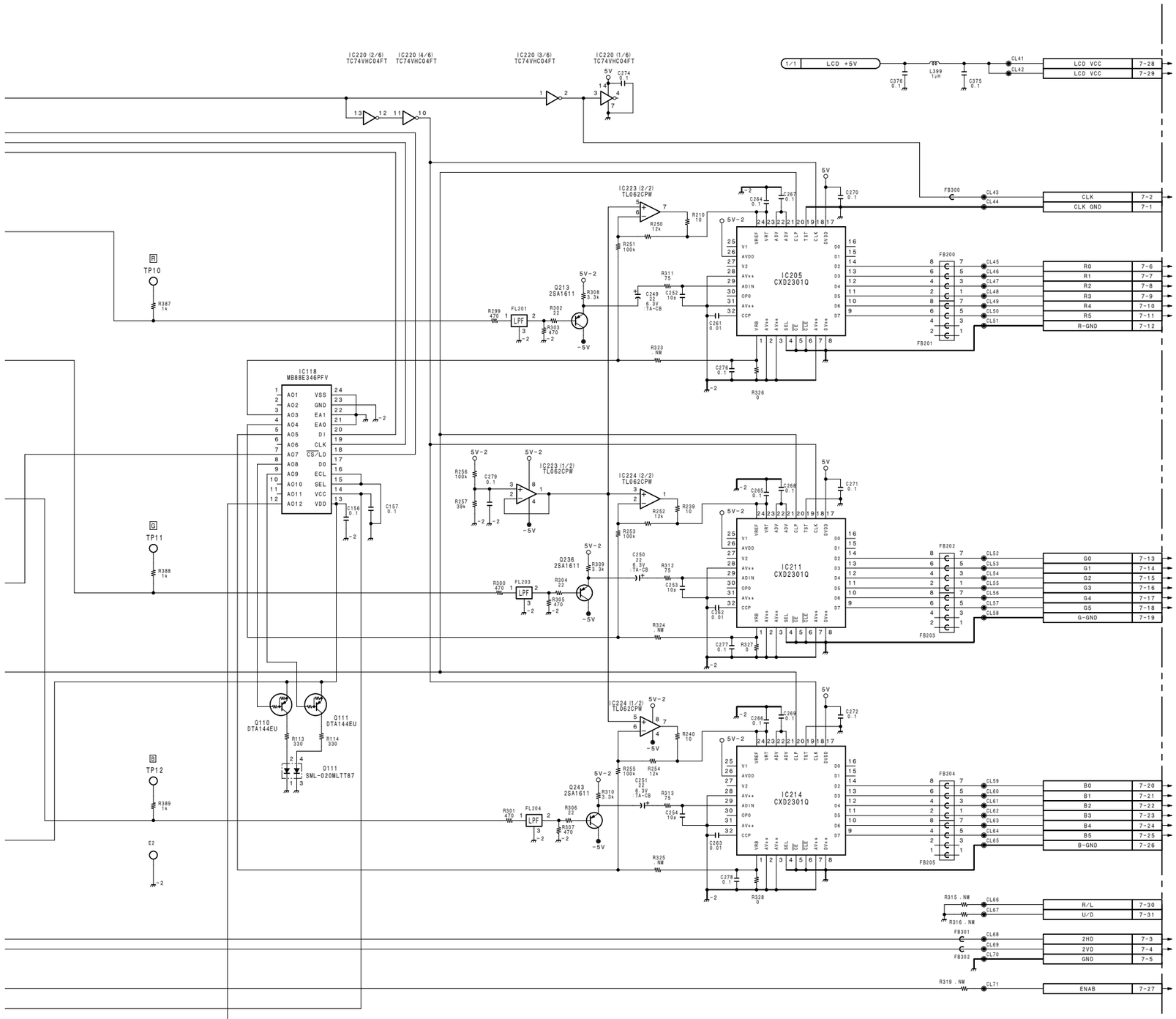
BOARD NO. 1-667-543-14
LOT NO. 812-

B-#BVW55-DP277-14@


IC303 (1/2) SI4953DY
L301 8.2uH
L302 220uH
FL301 NFM41P600S
Q301 2SC4177
Q302 2SA1611
Q303 2SC4177
D301 MBRS130LT3
IC301 TL5001
IC302 (1/4) NJM3403A
IC302 (2/4) NJM3403A
IC302 (3/4) NJM3403A
IC302 (4/4) NJM3403A
IC303 (2/2) SI4953DY
UNREG +12V 10-8
UNREG +12V 10-9
VIN (REG+12V) 6-1
GND 6-2
UNREG GND 10-10
UNREG GND 10-11
E113
12V
5V


11-1 S-DATA
11-2 S-CLK
11-3 LOAD LCD
11-4 LOAD DA
11-5 LCD CK (X)
11-6 LCD CK (G)
5-3 LOAD LCD
5-4 LOAD DA
5-2 S-CLK
5-1 S-DATA
R800 10
R802 10
R803 10
R804 10
R-Y
TP110
9-3 R-Y (X)
9-4 R-Y (G)
Q210 2SC4177
Q203 2SC4177
Q209 2SK94
B-Y
TP111
9-5 B-Y (X)
9-6 B-Y (G)
Q211 2SC4177
Q222 2SK94
Q218 2SC4177
6-4 NC
6-5 VCC (+5V)
Y
TP112
9-1 Y (X)
9-2 Y (G)
Q212 2SC4177
Q233 2SK94
Q227 2SC4177
6-3 V CONT
10-2 2HD
IC213 (1/2) TC74VHC123AFT
IC213 (2/3) TC74VHC123AFT
5-5 NC
5-6 BRIGHTNESS CONT
5-7 NC
5-8 REG +5V
5-9 REG GND
10-3 2H BLK
10-4 2VBL
10-5 2VD
1/1 LCD +5V
9-7 REG +5V
9-8 REG +5V
10-6 REG -5V
10-7 REG -5V
9-9 REG GND
9-10 REG GND
Q207 2SA1611
Q221 2SA1611
Q231 2SA1611
IC215 CLC505
IC216 CLC505
IC217 CLC505
IC218 TC4W53F
IC221 (1/2) TL062CPW
IC221 (2/2) TL062CPW
IC219 TC7S02F
IC122 SI4532DY
Q113 DTA144EU
Q114 DTC144EU
5V-2
-5V

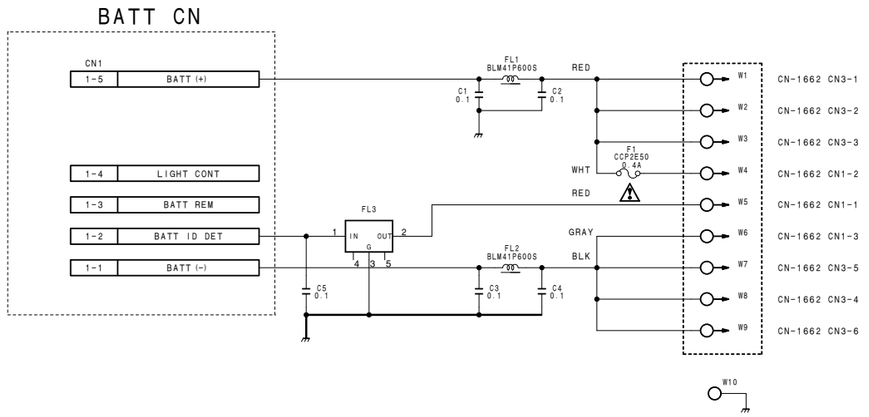
A B C D E F G H



DISPLAY PANEL CONTROL FOR COLOR LCD

DP-300

BOARD NO. 1-673-533-11
LOT NO. 812-
B-¥BVW55-DP300-11@-SIEDS



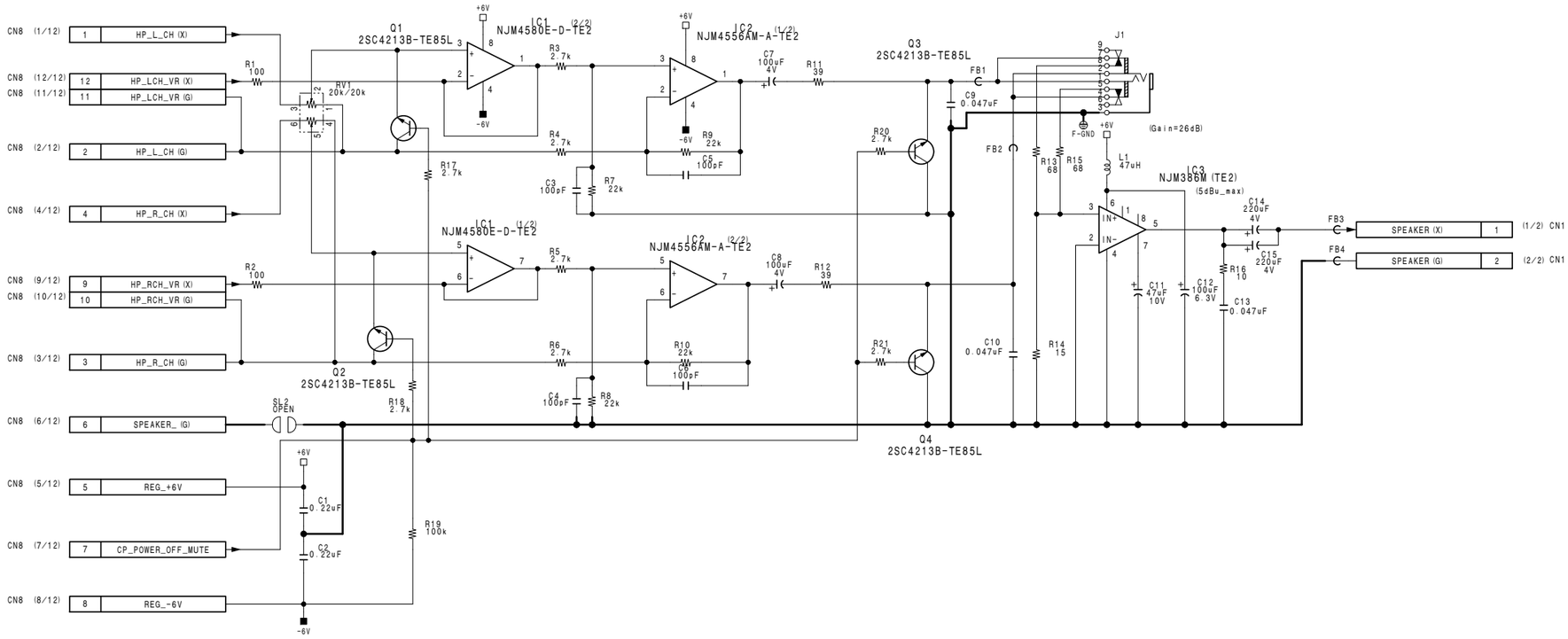
BATTERY TERMINAL BOARD

FL-251

BOARD NO. 1-667-478-12
LOT NO. 812-

B-¥BVW55-FL251-12@

http://getMANUAL.com

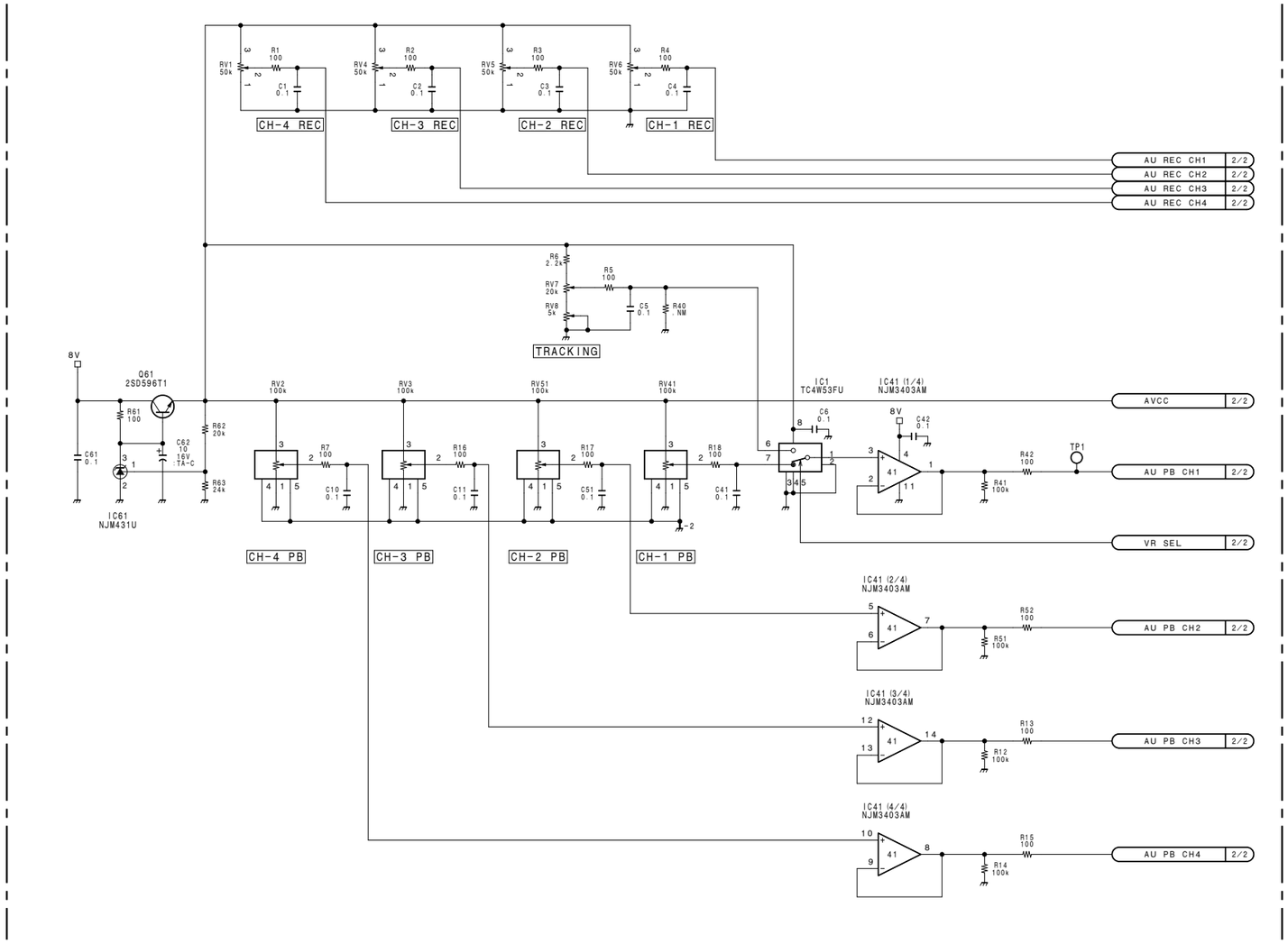


HEADPHONES JACK

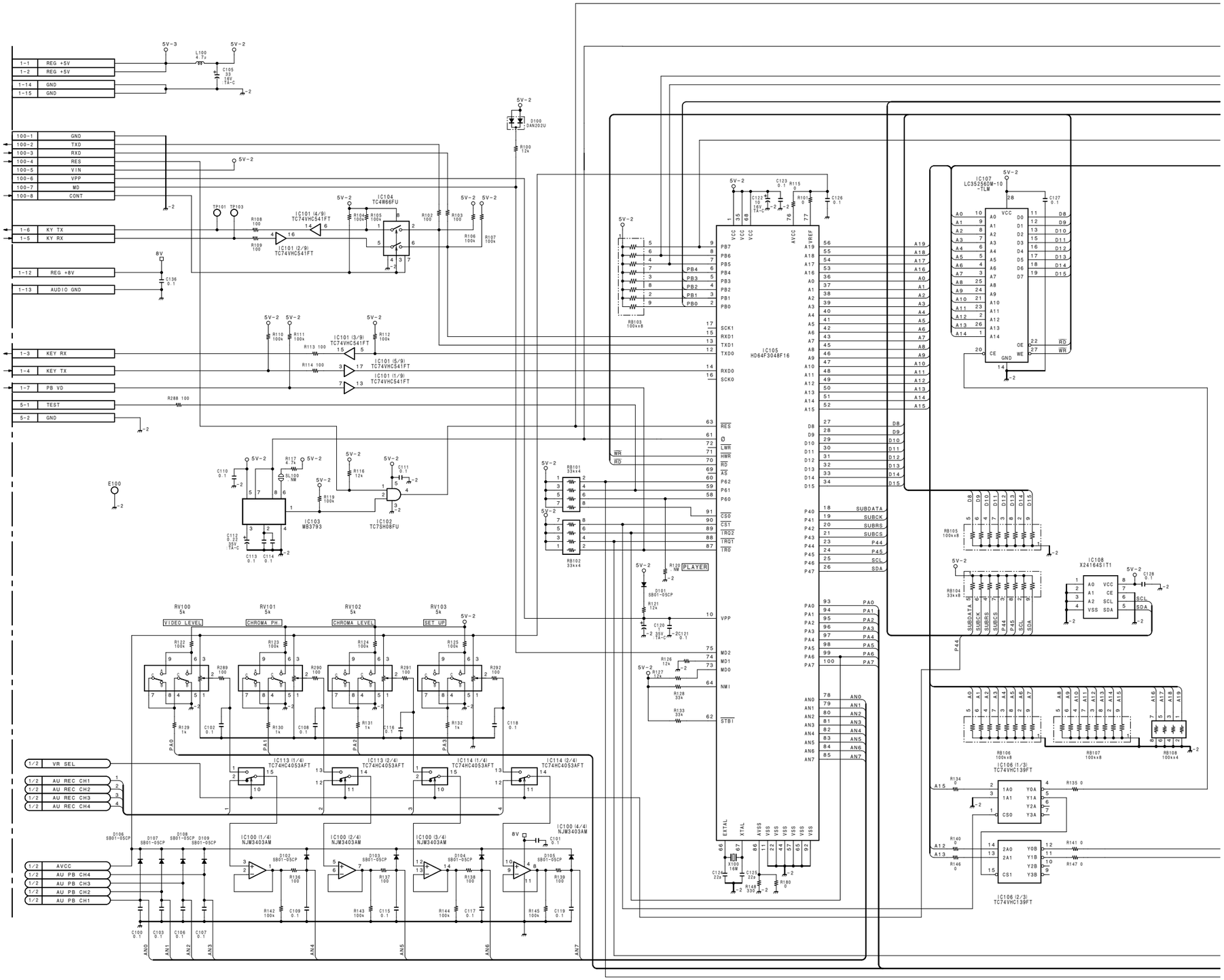
HP-88

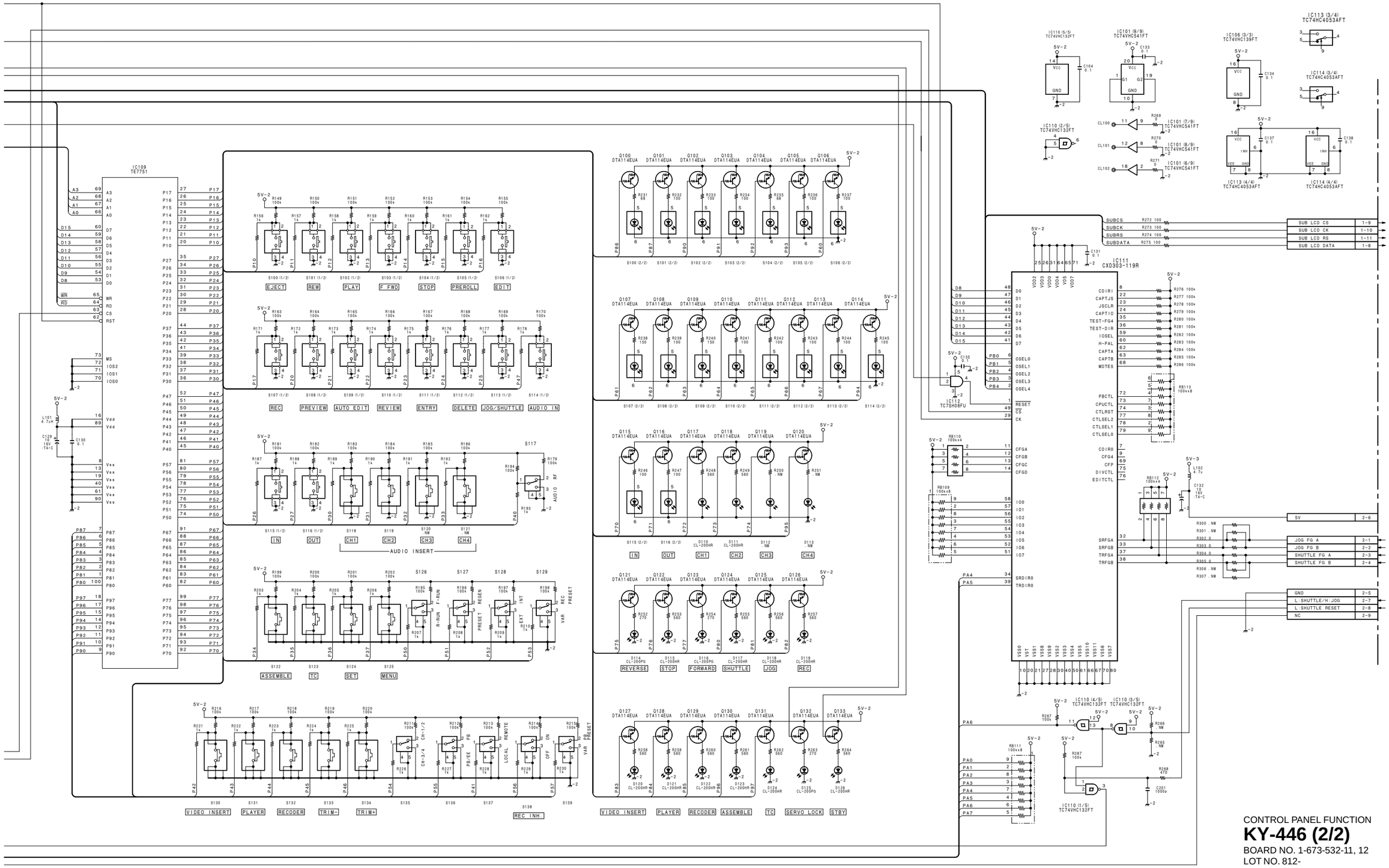
BOARD NO. 1-667-479-14
LOT NO. 812-

BVW-55_HP-88_002



CONTROL PANEL FUNCTION
KY-446 (1/2)
BOARD NO. 1-673-532-11, 12
LOT NO. 812-
B-¥BVW55-KY446-12@-SIEDS


1-1 REG +5V
1-2 REG +5V
1-14 GND
1-15 GND
100-1 GND
100-2 TXD
100-3 RXD
100-4 RES
100-5 VIN
100-6 VPP
100-7 MD
100-8 CONT
1-6 KY TX
1-5 KY RX
1-12 REG +8V
1-13 AUDIO GND
1-3 KEY RX
1-4 KEY TX
1-7 PB VD
5-1 TEST
5-2 GND
1/2 VR SEL
1/2 AU REC CH1
1/2 AU REC CH2
1/2 AU REC CH3
1/2 AU REC CH4
1/2 AVCC
1/2 AU PB CH4
1/2 AU PB CH3
1/2 AU PB CH2
1/2 AU PB CH1
IC105 HD64F3048F16
IC104 TC4W66FU
IC103 MB3793
IC102 TC7SH08FU
IC107 LC352560M-10TLM
IC108 X24164S1T1
IC106 (1/3) TC74VHC139FT
IC106 (2/3) TC74VHC139FT
RV100 5k VIDEO LEVEL
RV101 5k CHROMA PH
RV102 5k CHROMA LEVEL
RV103 5k SET UP
PLAYER
5V-2
8V



CONTROL PANEL FUNCTION

KY-446 (2/2)

BOARD NO. 1-673-532-11, 12
LOT NO. 812-

B-¥BVW55-KY446-12@-SIEDS

MB-838 (1/8)

RP-107 CN401

DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
		CN401			
	UNREG GND	1	2	UNREG GND	
	REG +5V-2	3	4	REG +5V-2	
	REG +5V-2	5	6	REG +5V-2	
	REG -5V	7	8	REG -5V	
	REG +6V-1	9	10	REG +6V-1	
	REG -6V	11	12	REG -6V	
AFM-16	AFM PB-A RF (G)	13	14	AFM PB-A RF (X)	AFM-16
AFM-16	AFM PB-B RF (G)	15	16	AFM PB-B RF (X)	AFM-16
	REG +8V	17	18	REG +8V	
SV-206	ADV C SW PLS	19	20	L:REC CONT	APR-42
SV-206	ADV Y SW PLS	21	22	L:METAL/H:OXIDE	APR-42
SV-206	CA REC ENABLE	23	24	YA REC ENABLE	SV-206
SV-206	CB REC ENABLE	25	26	YB REC ENABLE	SV-206
SV-206	RE B ENABLE	27	28	RE A ENABLE	SV-206
SY-272	L:PB HEAD	29	30	L:R/P ON	SY-272
MD-122	RP DA DO	31	32	Y PB RF	MD-122
MD-122	RP DA CLK	33	34	C PB RF	MD-122
MD-122	RP DA DI	35	36	RP DA CS	MD-122
AFM-16	AFM REC RF (G)	37	38	AFM REC RF (X)	AFM-16
MD-122	C REC RF (G)	39	40	C REC RF (X)	MD-122
MD-122	Y REC RF (G)	41	42	Y REC RF (X)	MD-122
	REG +3.3V	43	44	REG +3.3V	
	REG GND	45	46	REG GND	
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

CN-1779 CN201

DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
		CN201			
	AUDIO GND	1	2	REG +8V	
	REG GND	3	4	REG GND	
	REG +5V-2	5	6	REG +5V-2	
	REG -5V	7	8	REG -5V	
VPR-59	S-DATA	9	10	S CLK	VPR-59
VPR-59	LOAD LCD	11	12	LOAD DA	VPR-59
VPR-59	PB VD	13	14	SPEAKER (X)	HP-88
SY-272	KEY TX	15	16	KEY RX	SY-272
SY-272	SIF1 RES	17	18	SIF1 CMD	SY-272
SY-272	SIF1 KY2	19	20	SIF1 RDY	SY-272
SY-272	SIF1 CK	21	22	2VD	VPR-59
VPR-59	2H BLK	23	24	2HD	VPR-59
VPR-59	YRB (G)	25	26	B-Y (X)	VPR-59
VPR-59	YRB (G)	27	28	R-Y (X)	VPR-59
VPR-59	YRB (G)	29	30	Y (X)	VPR-59
VPR-59	LCD CK (G)	31	32	LCD CK (X)	VPR-59
VPR-59	2VBL	33	34	BATT ID	RE-174
DM-121	DM-RP JP	35	36	EXT DC IN	RE-174
	UNREG +12V	37	38	UNREG +12V	
	UNREG GND	39	40	UNREG GND	

TO REAR PANEL

CP-316 CN600 <TO RE-174>

CN600 4P

1	REG +6V-2
2	PHANTOM +48V
3	REG GND
4	REG -6V

CP-316 CN601

CN601 12P

1	MON L CH OUT (X)	AFM-16
2	MON L CH OUT (G)	
3	MON R CH OUT (G)	
4	MON R CH OUT (X)	
5	CP REG +12V	
6	CP POWER OFF MUTE	AU-262
7	AUDIO GND	
8	CP REG -12V	
9	CH2/4 OUT (X)	AFM-16
10	CH2/4 OUT (G)	
11	CH1/3 OUT (G)	
12	CH1/3 OUT (X)	

CP-316 CN602 <TO APR-42>

CN602 6P

1	ANALOG CH1 (X)
2	ANALOG CH1 (Y)
3	ANALOG CH1 (G)
4	ANALOG CH2 (G)
5	ANALOG CH2 (X)
6	ANALOG CH2 (Y)

CP-317 CN700

CN700 10P

1	INPUT VIDEO (X)	DEC-97
2	INPUT VIDEO (G)	
3	REG GND	
4	REF VIDEO (X)	TG-191
5	REF VIDEO (G)	
6	REG GND	
7	VIDEO OUT 1 (X)	VPR-59
8	VIDEO OUT (G)	
9	VIDEO OUT 2 (X)	
10	VIDEO OUT (G)	

CP-317 CN701 VIDEO

CN701 10P

1	RM TX (-)	SY-272
2	RM RX (+)	
3	PRIORITY	
4	RM TX (+)	
5	RM RX (-)	
6	LTC OUT	
7	LTC SOURCE	
8	H:FAST EQ	SV-206
9	H:FAN STOP	SY-272
10	H:NTSC	SY-272

CP-317 CN702

CN702 3P

1	REG +5V-1
2	REG GND
3	REG -5V

SV-206

CN901 <TO SV-206>

SVV CN901 12P

1	12	UNREG GND
2	11	UNREG GND
3	10	UNREG +12V
4	9	UNREG +12V
5	8	REG +6V-1
6	7	REG +5V-1
7	6	REG +5V-1
8	5	REG +8V
9	4	REG -5V
10	3	REG -6V
11	2	REG GND
12	1	REG GND

HP-88

CN8

CN8 12P

1	HP L CH (X)	AFM-16
2	HP L CH (G)	
3	HP R CH (G)	
4	HP R CH (X)	
5	REG +6V-1	
6	REG GND	
7	CP POWER OFF MUTE	AU-262
8	REG -6V	
9	HP R CH VR (X)	AFM-16
10	HP R CH VR (G)	
11	HP L CH VR (G)	
12	HP L CH VR (X)	

PSW-63

CN1 <TO RE-174>

CN1 2P

1	POWER SW
2	REG GND

AUX

CN704 <TO SY-272>

CN704 5P

1	COM RX
2	COM TX
3	REG GND
4	CTS
5	RTS

HP-88 (SPEAKER)

CN2 <TO CN-1779>

CN2 2P

1	SPEAKER (X)
2	REG GND

FAN

CN4 <TO CN-1779>

CN4 2P

1	UNREG GND	CP
2	UNREG +12V	CP

MOTHERBOARD

MB-838 (1/8)

BOARD NO. 1-673-540-11, 12

LOT NO. 812-

B-¥BVW55-MB838-11@-SIEDS

4-62

MB-838 (2/8)

SV-206 TO CN301 CN301 CN301 25P

FFC		SIGNAL	DESTINATIONS
CN301- 1	25	REG GND	
CN301- 2	24	T/C CURRENT (X)	AU-262
CN301- 3	23	T/C CURRENT (G)	AU-262
CN301- 4	22	LTC H:PB/L:REC	AU-262
CN301- 5	21	CH1 BIAS CLOCK (Y)	AU-262
CN301- 6	20	CH2 BIAS CLOCK (Y)	AU-262
CN301- 7	19	CH1 BIAS CLOCK (X)	AU-262
CN301- 8	18	CH2 BIAS CLOCK (X)	AU-262
CN301- 9	17	L:SV EX COM EN	SY-272
CN301-10	16	SV EX COM TX	SY-272
CN301-11	15	SV EX COM RX	SY-272
CN301-12	14	TAPE DIRECTION	SY-272
CN301-13	13	EDIT CTL	SY-272
CN301-14	12	PB LTC	SY-272
CN301-15	11	REC LTC	SY-272
CN301-16	10	SV SY INT	SY-272
CN301-17	9	L:SV VCC OFF	SY-272
CN301-18	8	REC GUARD	SY-272
CN301-19	7	L:SVSY WAIT	SY-272
CN301-20	6	L:SYSV CS	SY-272
CN301-21	5	SY SV JP	SY-272
CN301-22	4	SV REF	SY-272
CN301-23	3	CTL PULSE	MD-122
CN301-24	2	CTL SIG	MD-122
CN301-25	1	LTC SIG	MD-122

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206, SY-272, TG-191, and VPR-59 boards.

SV-206 TO CN302 CN302 CN302 25P

FFC		SIGNAL	DESTINATIONS
CN302- 1	25	RE B ENABLE	RP-107
CN302- 2	24	RE A ENABLE	RP-107
CN302- 3	23	SY A10	SYS BUS
CN302- 4	22	SY A9	SYS BUS
CN302- 5	21	SY A8	SYS BUS
CN302- 6	20	SY A7	SYS BUS
CN302- 7	19	SY A6	SYS BUS
CN302- 8	18	SY A5	SYS BUS
CN302- 9	17	SY A4	SYS BUS
CN302-10	16	SY A3	SYS BUS
CN302-11	15	SY A2	SYS BUS
CN302-12	14	SY A1	SYS BUS
CN302-13	13	SY A0	SYS BUS
CN302-14	12	SY D7	SYS BUS
CN302-15	11	SY D6	SYS BUS
CN302-16	10	SY D5	SYS BUS
CN302-17	9	SY D4	SYS BUS
CN302-18	8	SY D3	SYS BUS
CN302-19	7	SY D2	SYS BUS
CN302-20	6	SY D1	SYS BUS
CN302-21	5	SY D0	SYS BUS
CN302-22	4	SY DIR	SYS BUS
CN302-23	3	SY RD	SYS BUS
CN302-24	2	SY WR	SYS BUS
CN302-25	1	SYS RESET	SYS BUS

SV-206 TO CN303 CN303 CN303 25P

FFC		SIGNAL	DESTINATIONS
CN303- 1	25	CA REC ENABLE	RP-107
CN303- 2	24	CB REC ENABLE	RP-107
CN303- 3	23	YB REC ENABLE	RP-107
CN303- 4	22	YA REC ENABLE	RP-107
CN303- 5	21	PB FP1	DM-121
CN303- 6	20	PB FP2	DM-121
CN303- 7	19	SV-TBC JP0	DM-121
CN303- 8	18	SV-TBC JP1	DM-121
CN303- 9	17	Y PB SYNC	DM-121
CN303-10	16	ADV Y SW PLS	DM-121, MD-122, RP-107
CN303-11	15	SERVO V	DM-121
CN303-12	14	L:C PCM MUTE	DM-121
CN303-13	13	ADV C SW PLS	AFM-16, DM-121, MD-122, RP-107
CN303-14	12	L:Y PCM MUTE	DM-121
CN303-15	11	SV TAPE SPEED	DM-121
CN303-16	10	L:RF Y BLK	DM-121
CN303-17	9	L:RF C BLK	DM-121
CN303-18	8	SV MINI TXD	MD-122
CN303-19	7	SV MINI RXD	MD-122
CN303-20	6	ANA RF ENV (G)	DM-121
CN303-21	5	ANA RF ENV (X)	DM-121
CN303-22	4	L:SLOW BID	DM-121
CN303-23	3	L:Y DO PLS	DM-121
CN303-24	2	L:C DO PLS	DM-121
CN303-25	1	H:FAST EQ	CP-317

MOTHERBOARD
MB-838 (2/8)
BOARD NO. 1-673-540-11, 12
LOT NO. 812-
B-¥BVW55-MB838-11@-SIEDS

MB-838 (3/8)

RE-174 CN900

DISTINATIONS	SIGNAL	NO.		SIGNAL	DESTINATIONS
	REG GND	1	2	REG GND	
	REG GND	3	4	REG GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG GND	9	10	REG GND	
	AUDIO GND	11	12	AUDIO GND	
	AUDIO GND	13	14	AUDIO GND	
		15	16	PHANTOM +48V	CP-316
		17	18	BATT ID	CN-1779
	REG -6V	19	20	REG -6V	
	REG -6V	21	22	REG -6V	
	REG -5V	23	24	REG -5V	
	REG -5V	25	26	REG -5V	
		27	28		
	REG +5V-1	29	30	REG +5V-1	
	REG +5V-1	31	32	REG +5V-1	
	REG +5V-1	33	34	REG +5V-1	
	REG +5V-2	35	36	REG +5V-2	
	REG +5V-2	37	38	REG +5V-2	
	REG +5V-2	39	40	REG +5V-2	
		41	42		
CN-1779	EXT DC IN	43	44	EX DET	AFM-16, APR-42, AU-262
	REG +6V-1	45	46	REG +6V-1	
	REG +6V-1	47	48	REG +6V-1	
	REG +6V-1	49	50	REG +6V-1	
	REG +6V-2	51	52	REG +6V-2	
	REG +6V-2	53	54	REG +6V-2	
	REG +6V-2	55	56	REG +6V-2	
	REG +6V-2	57	58	REG +6V-2	
	REG +3.3V	59	60	REG +3.3V	
	REG +3.3V	61	62	REG +3.3V	
	REG +3.3V	63	64	REG +3.3V	
	REG +3.3V	65	66	REG +3.3V	
	REG +8V	67	68	REG +8V	
	REG +8V	69	70	REG +8V	
	REG +8V	71	72	REG +8V	
	REG +8V	73	74	REG +8V	
	UNREG +12V	75	76	UNREG +12V	
	UNREG +12V	77	78	UNREG +12V	
	UNREG +12V	79	80	UNREG +12V	
	UNREG GND	81	82	UNREG GND	
	UNREG GND	83	84	UNREG GND	
	UNREG GND	85	86	UNREG GND	
	REG GND	87	88	REG GND	
	REG GND	89	90	REG GND	
	REG GND	91	92	REG GND	
	REG GND	93	94	REG GND	
	REG GND	95	96	REG GND	
	REG GND	97	98	REG GND	
SY-272	POWER ON RESET	99	100	POWER SW	PSW-63

AU-262 CN11

	CN11				
DISTINATIONS	SIGNAL	NO.		SIGNAL	DESTINATIONS
	AUDIO GND	1	2	AUDIO GND	
	AUDIO GND	3	4	AUDIO GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +12V	9	10	REG +12V	
	REG -12V	11	12	REG -12V	
	UNREG +12V	13	14	UNREG +12V	
	UNREG GND	15	16	UNREG GND	
	REG +5V-2	17	18	REG +5V-2	
	REG +5V-2	19	20	REG +5V-2	
RE-174	EX DET	21	22	EX DET	RE-174
	REG GND	23	24	REG GND	
	REG +6V-1	25	26	REG +6V-1	
	REG +6V-1	27	28	REG +6V-1	
	REG -6V	29	30	REG -6V	
	REG -5V	31	32	REG -5V	
		33	34		
CP-316, HP-88	CP POWER OFF MUTE	35	36	H:POWER ON MUTE	AFM-16, APR-42
	CP REG +12V	37	38	CP REG +12V	
	CP REG -12V	39	40	CP REG -12V	
AFM-16	CH1 LNG PB SIG (G)	41	42	CH1 LNG PB SIG (X)	AFM-16
		43	44		
AFM-16	CH2 LNG PB SIG (G)	45	46	CH2 LNG PB SIG (X)	AFM-16
		47	48		
		49	50		
		51	52		
		53	54	H:CH1 REC MUTE	APR-42
		55	56	H:CH2 REC MUTE	APR-42
		57	58	H:CH1 PB MUTE	APR-42
		59	60	H:CH2 PB MUTE	APR-42
		61	62	L:METAL/H:OXIDE	APR-42
APR-42	AU POWER SAVE1	63	64	AU POWER SAVE2	APR-42
		65	66		
APR-42	CH1 LNG REC SIG (G)	67	68	CH1 LNG REC SIG (X)	APR-42
		69	70		
APR-42	CH2 LNG REC SIG (G)	71	72	CH2 LNG REC SIG (X)	APR-42
APR-42	L:LIM/H:AGC	73	74	L:MANUAL	APR-42
APR-42	CH1 H:PB/L:REC	75	76	CH2 H:PB/L:REC	APR-42
APR-42	CH1 L:EE/H:PB	77	78	CH2 L:EE/H:PB	APR-42
APR-42	H:CH1 BIAS ON	79	80	H:CH2 BIAS ON	APR-42
		81	82	L:NR ON	APR-42
AFM-16	CH1 LNG EE SIG (G)	83	84	CH1 LNG EE SIG (X)	AFM-16
		85	86	AU-AFM JP	AFM-16
AFM-16	CH2 LNG EE SIG (G)	87	88	CH2 LNG EE SIG (X)	AFM-16
APR-42	AU-APR JP1	89	90	H:ATT ON	APR-42
APR-42	AU-APR JP2	91	92	H:SLOW EQ ON	APR-42
SV-206	LTC H:PB/L:REC	93	94	H:METAL	APR-42
SV-206	T/C CURRENT (X)	95	96	T/C CURRENT (G)	SV-206
SV-206	CH1 BIAS CLOCK (X)	97	98	CH1 BIAS CLOCK (Y)	SV-206
SV-206	CH2 BIAS CLOCK (X)	99	100	CH2 BIAS CLOCK (Y)	SV-206

	+3.3V	+5V-1	+5V-2	-5V	+6V-1	+6V-2	-6V	+8V	+12V (UNREG)	AUDIO GND	+12V (REG)	-12V (REG)
CN11 AU-262	—	—	○	○	○	—	○	—	○	○	○	○
CN21 AFM-16	◌	—	○	○	○	—	○	—	—	○	○	○
CN31 APR-42	○	—	○	○	○	—	○	—	—	○	○	○
CN41 SY-272	○	—	○	◌	◌	—	◌	◌	—	—		
CN51 MD-122	◌	○	—	○	—	○	◌	○	—	—		
CN61 TG-191	◌	○	—	○	—	○	◌	◌	—	—		
CN71 SDI-23	○	○	—	◌	—	○	◌	◌	—	—		
CN81 DEC-97	○	○	—	○	—	○	○	◌	—	—		
CN91 VPR-59	○	○	—	○	○	—	◌	◌	—	—		
CN101 DM-121	○	○	—	○	—	○	○	○	—	—		
CN401 RP-107	○	—	○	○	○	—	○	○	—	—		
CN901 SV-206	—	○	—	○	○	—	○	○	○	—		
CN201 CN-1779	—	—	○	○	—	—	—	○	○	○		
CN702 CP-317	—	○	—	○	—	—	—	—	—	—		
CN600 CP-316	—	—	—	—	—	○	○	—	—	—		
CN601 CP-316	—	—	—	—	—	—	—	—	—	○		
CN8 HP-88	—	—	—	—	○	—	○	—	—	—		

○ IN USE
— NOT IN USE
◌ IN USE (INOPERATIVE)

MOTHERBOARD
MB-838 (3/8)
BOARD NO. 1-673-540-11, 12
LOT NO. 812-
B-¥BVW55-MB838-11@-SIEDS

4-64

MB-838 (4/8)

AFM-16 CN21

DISTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
		CN21			
	AUDIO GND	1	2	AUDIO GND	
	AUDIO GND	3	4	AUDIO GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +12V	9	10	REG +12V	
	REG -12V	11	12	REG -12V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-2	17	18	REG +5V-2	
	REG +5V-2	19	20	REG +5V-2	
RE-174	EX DET	21	22	EX DET	RE-174
	REG GND	23	24	REG GND	
	REG +6V-1	25	26	REG +6V-1	
	REG +6V-1	27	28	REG +6V-1	
	REG -6V	29	30	REG -6V	
	REG -5V	31	32	REG -5V	
CP-316	CH2/4 OUT (X)	33	34	CH2/4 OUT (G)	CP-316
		35	36	H:POWER ON MUTE	AU-262
CP-316	CH1/3 OUT (X)	37	38	CH1/3 OUT (G)	CP-316
		39	40		
AU-262	CH1 LNG PB SIG (X)	41	42	CH1 LNG PB SIG (G)	AU-262
		43	44		
AU-262	CH2 LNG PB SIG (X)	45	46	CH2 LNG PB SIG (G)	AU-262
		47	48		
APR-42	CH1 L:EE/H:PB	49	50	CH2 L:EE/H:PB	APR-42
APR-42	H:LNG CH1 ON (L CH)	51	52	H:LNG CH2 ON (L CH)	APR-42
APR-42	H:AFM CH1 ON (L CH)	53	54	H:AFM CH2 ON (L CH)	APR-42
APR-42	H:LNG CH1 ON (R CH)	55	56	H:LNG CH2 ON (R CH)	APR-42
APR-42	H:AFM CH1 ON (R CH)	57	58	H:AFM CH2 ON (R CH)	APR-42
CP-316	MON R CH OUT (X)	59	60	MON R CH OUT (G)	CP-316
		61	62		
CP-316	MON L CH OUT (X)	63	64	MON L CH OUT (G)	CP-316
		65	66		
HP-88	HP L CH (X)	67	68	HP L CH (G)	HP-88
HP-88	HP L CH VR (X)	69	70	HP L CH VR (G)	HP-88
		71	72		
HP-88	HP R CH (X)	73	74	HP R CH (G)	HP-88
HP-88	HP R CH VR (X)	75	76	HP R CH VR (G)	HP-88
APR-42	H:VIDEO REC	77	78	L:REC CONT	APR-42
APR-42	L:METAL/H:OXIDE	79	80	H:AFM MUTE	APR-42
APR-42	H:SV LOCK	81	82	AFM EE/PB	APR-42
APR-42	MON L:VAR/H:FIX	83	84	MON L:AFM/H:LNG	APR-42
AU-262	AU-AFM JP	85	86		
AU-262	CH1 LNG EE SIG (X)	87	88	CH1 LNG EE SIG (G)	AU-262
		89	90		
AU-262	CH2 LNG EE SIG (X)	91	92	CH2 LNG EE SIG (G)	AU-262
		93	94		
		95	96		
APR-42	AFM POWER SAVE1	97	98	AFM POWER SAVE2	APR-42
SV-206	ADV C SW PLS	99	100		

APR-42 CN31

DISTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
		CN31			
	AUDIO GND	1	2	AUDIO GND	
	AUDIO GND	3	4	AUDIO GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +12V	9	10	REG +12V	
	REG -12V	11	12	REG -12V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-2	17	18	REG +5V-2	
	REG +5V-2	19	20	REG +5V-2	
RE-174	EX DET	21	22	EX DET	RE-174
	REG GND	23	24	REG GND	
	REG +6V-1	25	26	REG +6V-1	
	REG +6V-1	27	28	REG +6V-1	
	REG -6V	29	30	REG -6V	
	REG -5V	31	32	REG -5V	
SYS BUS	SYS RESET	33	34	SY WR	SYS BUS
SYS BUS	SY RD	35	36	SY DIR	SYS BUS
AU-262	H:POWER ON MUTE	37	38	SYS PIORES	SYS BUS
SYS BUS	SY D0	39	40	SY D1	SYS BUS
SYS BUS	SY D2	41	42	SY D3	SYS BUS
SYS BUS	SY D4	43	44	SY D5	SYS BUS
SYS BUS	SY D6	45	46	SY D7	SYS BUS
SYS BUS	SY A0	47	48	SY A1	SYS BUS
SYS BUS	SY A2	49	50	SY A3	SYS BUS
SYS BUS	SY A4	51	52	SY A5	SYS BUS
SYS BUS	SY A6	53	54	SY A7	SYS BUS
SYS BUS	SY A8	55	56	SY A9	SYS BUS
SYS BUS	SY A10	57	58	SDI AU MUTE 1	SDI-23
AFM-16	H:LNG CH1 ON (L CH)	59	60	SDI AU MUTE 2	SDI-23
AFM-16	H:LNG CH2 ON (L CH)	61	62	SDI AU MUTE 3	SDI-23
AFM-16	H:AFM CH1 ON (L CH)	63	64	SDI AU MUTE 4	SDI-23
AFM-16	H:AFM CH2 ON (L CH)	65	66	APR CS	SY-272
AFM-16	H:LNG CH1 ON (R CH)	67	68	H:LNG CH2 ON (R CH)	AFM-16
AFM-16	H:AFM CH1 ON (R CH)	69	70	H:AFM CH2 ON (R CH)	AFM-16
AFM-16	H:VIDEO REC	71	72	L:REC CONT	AFM-16, RP-107
AFM-16, AU-262, MD-122, RP-107	L:METAL/H:OXIDE	73	74	H:AFM MUTE	AFM-16
AFM-16	H:SV LOCK	75	76	AFM EE/PB	AFM-16
AFM-16	MON L:VAR/H:FIX	77	78	MON L:AFM/H:LNG	AFM-16
AU-262	H:CH1 REC MUTE	79	80	H:CH2 REC MUTE	AU-262
AU-262	H:CH1 PB MUTE	81	82	H:CH2 PB MUTE	AU-262
AU-262	L:NR ON	83	84	L:AU PLL UNLOCK	TG-191
AU-262	CH1 LNG REC SIG (X)	85	86	CH1 LNG REC SIG (G)	AU-262
AFM-16	AFM POWER SAVE1	87	88	AFM POWER SAVE2	AFM-16
AU-262	CH2 LNG REC SIG (X)	89	90	CH2 LNG REC SIG (G)	AU-262
AU-262	L:LIM/H:AGC	91	92	L:MANUAL	AU-262
AU-262	CH1 H:PB/L:REC	93	94	CH2 H:PB/L:REC	AU-262
AFM-16, AU-262	CH1 L:EE/H:PB	95	96	CH2 L:EE/H:PB	AFM-16, AU-262
AU-262	H:CH1 BIAS ON	97	98	H:CH2 BIAS ON	AU-262
AU-262	AU POWER SAVE1	99	100	AU POWER SAVE2	AFM-16, AU-262

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206, SY-272, TG-191, and VPR-59 boards.

CN22

DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
		CN22			
APR-42	CH1 AFM REC SIG (G)	1	2	CH1 AFM REC SIG (X)	APR-42
		3	4		
APR-42	CH2 AFM REC SIG (G)	5	6	CH2 AFM REC SIG (X)	APR-42
		7	8		
SY-272	SIF2 SCK	9	10	SIF2 CMD	SY-272
SY-272	SIF2 RES	11	12	SIF2 RDY	SY-272
		13	14	SIF2 AFM DAC CS	SY-272
	AFM-AFM JP	15	16	L DAC OUT	
	AFM-AFM JP	17	18		
APR-42	CH1 A/D (X)	19	20	CH1 A/D (G)	APR-42
APR-42	CH2 A/D (G)	21	22	CH2 A/D (X)	APR-42
		23	24		
APR-42	CH3 A/D (X)	25	26	CH3 A/D (G)	APR-42
APR-42	CH4 A/D (G)	27	28	CH4 A/D (X)	APR-42
		29	30		
		31	32		
		33	34	AFM-APR JP1	APR-42
		35	36	AFM-APR JP2	APR-42
RP-107	AFM PB-A RF (X)	37	38	AFM PB-A RF (G)	RP-107
RP-107	AFM PB-B RF (X)	39	40	AFM PB-B RF (G)	RP-107
	AFM DET	41	42	AFM DET	
		43	44		
RP-107	AFM REC RF (X)	45	46	AFM REC RF (G)	RP-107
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

CN32

DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
		CN32			
AFM-16	CH1 AFM REC SIG (X)	1	2	CH1 AFM REC SIG (G)	AFM-16
AU-262	H:ATT ON	3	4	H:SLOW EQ ON	AU-262
AFM-16	CH2 AFM REC SIG (X)	5	6	CH2 AFM REC SIG (G)	AFM-16
AU-262	H:METAL	7	8	SIF2 APR DAC	SY-272
SY-272	SIF3 SCK	9	10	SIF3 CMD	SY-272
SY-272	SIF3 RES	11	12	SIF3 START	SY-272
SY-272	SIF2 CMD	13	14	SIF2 SCK	SY-272
SDI-23	SDI AUDIO R 3/4	15	16	SDI AUDIO R 1/2	SDI-23
	APR-APR JP	17	18	SDI AUDIO R (G)	
	APR-APR JP	19	20	AU-APR JP2	AU-262
AFM-16	CH1 A/D (X)	21	22	CH1 A/D (G)	AFM-16
AFM-16	CH2 A/D (G)	23	24	CH2 A/D (X)	AFM-16
AFM-16	AFM-APR JP2	25	26	AU-APR JP1	AU-262
AFM-16	CH3 A/D (X)	27	28	CH3 A/D (G)	AFM-16
AFM-16	CH4 A/D (G)	29	30	CH4 A/D (X)	AFM-16
AFM-16	AFM-APR JP1	31	32	APR FS (G)	TG-191
TG-191	APR 64FS (X)	33	34	APR FS (X)	TG-191
TG-191	APR 256FS (X)	35	36	APR 256FS (G)	TG-191
SDI-23	SDI AUDIO T 1/2	37	38	SDI AUDIO T 3/4	SDI-23
	APR DET	39	40	APR DET	
CP-316	ANALOG CH1 (X)	41	42	ANALOG CH1 (Y)	CP-316
CP-316	ANALOG CH1 (G)	43	44	ANALOG CH2 (G)	CP-316
CP-316	ANALOG CH2 (X)	45	46	ANALOG CH2 (Y)	CP-316
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

MOTHERBOARD
MB-838 (4/8)
BOARD NO. 1-673-540-11, 12
LOT NO. 812-
B-¥BVW55-MB838-11@-SIEDS

MB-838 (5/8)

SY-272 CN41

	CN41				
DISTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
	REG GND	1	2	REG GND	
	REG GND	3	4	REG GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +8V	9	10	REG +8V	
	REG +8V	11	12	REG +8V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-2	17	18	REG +5V-2	
	REG +5V-2	19	20	REG +5V-2	
	REG -5V	21	22	REG -5V	
	REG -5V	23	24	REG -5V	
	REG +6V-1	25	26	REG +6V-1	
	REG +6V-1	27	28	REG +6V-1	
	REG -6V	29	30	REG -6V	
	REG -6V	31	32	REG -6V	
SYS BUS	SYS RESET	33	34	SY WR	SYS BUS
SYS BUS	SY RD	35	36	SY DIR	SYS BUS
SYS BUS	SY STB	37	38	SYS PIORES	SYS BUS
SYS BUS	SY D0	39	40	SY D1	SYS BUS
SYS BUS	SY D2	41	42	SY D3	SYS BUS
SYS BUS	SY D4	43	44	SY D5	SYS BUS
SYS BUS	SY D6	45	46	SY D7	SYS BUS
SYS BUS	SY A0	47	48	SY A1	SYS BUS
SYS BUS	SY A2	49	50	SY A3	SYS BUS
SYS BUS	SY A4	51	52	SY A5	SYS BUS
SYS BUS	SY A6	53	54	SY A7	SYS BUS
SYS BUS	SY A8	55	56	SY A9	SYS BUS
SYS BUS	SY A10	57	58	REG GND	
	REG GND	59	60	SY VPR CS	VPR-59
RE-174	POWER ON RESET	61	62	SY TG CS	TG-191
	SY CP CS	63	64	SY SDI CS	SDI-23
APR-42	APR CS	65	66	SY DEC CS	DEC-97
MD-122	SY MD CS	67	68	REG GND	
	REG GND	69	70	CHAR SIG A (X)	VPR-59
	SY CS SP	71	72	CHAR SIG A (G)	VPR-59
SV-206	SV EX COM RX	73	74	CHAR SIG D (X)	VPR-59
SV-206	SV EX COM TX	75	76	CHAR FRAME D (X)	VPR-59
SV-206	L:SV EX COM EN	77	78	CHAR FRAME A (G)	VPR-59
	SY SP1	79	80	CHAR FRAME A (X)	VPR-59
	SIF3 OP CS1	81	82	REG GND	
APR-42, MD-122, TG-191, VPR-59	SIF3 SCK	83	84	SIF3 CMD	APR-42, MD-122, TG-191, VPR-59
APR-42, MD-122, TG-191, VPR-59	SIF3 RES	85	86	SIF3 START	APR-42, MD-122, TG-191, VPR-59
SV-206	TAPE DIRECTION	87	88	L:SV VCC OFF	SV-206
SV-206	EDIT CTL	89	90	REC GUARD	SV-206
SV-206	PB LTC	91	92	L:SVSY WAIT	SV-206
SV-206	REC LTC	93	94	L:SYSV CS	SV-206
SV-206	SV SY INT	95	96	SY SV JP	SV-206
AFM-16, APR-42, DM-121, SDI-23	SIF2 SCK	97	98	SIF2 CMD	AFM-16, APR-42, DM-121, SDI-23
AFM-16, DM-121, SDI-23	SIF2 RES	99	100	SIF2 RDY	AFM-16, DM-121, SDI-23

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206, SY-272, TG-191, and VPR-59 boards.

MD-122 CN51

	CN51				
DISTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
	REG GND	1	2	REG GND	
	REG GND	3	4	REG GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +8V	9	10	REG +8V	
	REG +8V	11	12	REG +8V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-1	17	18	REG +5V-1	
	REG +5V-1	19	20	REG +5V-1	
	REG -5V	21	22	REG -5V	
	REG -5V	23	24	REG -5V	
	REG +6V-2	25	26	REG +6V-2	
	REG +6V-2	27	28	REG +6V-2	
	REG -6V	29	30	REG -6V	
	REG -6V	31	32	REG -6V	
SYS BUS	SYS RESET	33	34	SY WR	SYS BUS
SYS BUS	SY RD	35	36	SY DIR	SYS BUS
SYS BUS	SY STB	37	38	SYS PIORES	SYS BUS
SYS BUS	SY D0	39	40	SY D1	SYS BUS
SYS BUS	SY D2	41	42	SY D3	SYS BUS
SYS BUS	SY D4	43	44	SY D5	SYS BUS
SYS BUS	SY D6	45	46	SY D7	SYS BUS
SYS BUS	SY A0	47	48	SY A1	SYS BUS
SYS BUS	SY A2	49	50	SY A3	SYS BUS
SYS BUS	SY A4	51	52	SY A5	SYS BUS
SYS BUS	SY A6	53	54	SY A7	SYS BUS
SYS BUS	SY A8	55	56	SY A9	SYS BUS
SYS BUS	SY A10	57	58		
		59	60		
		61	62		
		63	64		
		65	66		
SY-272	SY MD CS	67	68		
		69	70		
		71	72		
APR-42	L:METAL/H:OXIDE	73	74		
		75	76		
		77	78		
		79	80		
		81	82		
SY-272	SIF3 SCK	83	84	SIF3 CMD	SY-272
SY-272	SIF3 RES	85	86	SIF3 START	SY-272
		87	88		
		89	90		
SV-206	ADV C SW PLS	91	92	ADV Y SW PLS	SV-206
		93	94		
		95	96		
TG-191	MD 27M (X)	97	98	MD 27M (G)	TG-191
		99	100		

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206, SY-272, TG-191, and VPR-59 boards.

CN42

	CN42				
DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
AFM-16	SIF2 AFM DAC CS	1	2	SIF2 SDI CS	SDI-23
RP-107	L:PB HEAD	3	4	TBC RESET	DM-121
APR-42	SIF2 OP CS	5	6	L:R/P ON	RP-107
APR-42	SIF2 APR DAC	7	8		
CN-1779, DP-264	SIF1 CK	9	10	SY-DM JP0	DM-121
CN-1779, DP-264	SIF1 RDY	11	12	SY-DM JP1	DM-121
CN-1779, DP-264	SIF1 KY2	13	14		
DP-264	SIF1 OP CS	15	16	SIF2 DM CS	DM-121
CN-1779, DP-264	SIF1 CMD	17	18	SIF2 TBC CS	DM-121
CN-1779, DP-264	SIF1 RES	19	20	SIF2 MD CS	MD-122
CN-1779, DP-264	KEY TX	21	22		
CN-1779, DP-264	KEY RX	23	24	CHAR CK (X)	TG-191
CP-317	RM RX (+)	25	26	CHAR CK (G)	TG-191
CP-317	RM RX (-)	27	28	CHAR HD	TG-191
CP-317	PRIORITY	29	30	CHAR VD	TG-191
CP-317	RM TX (+)	31	32	SV REF	TG-191, SV-206
CP-317	RM TX (-)	33	34	SS FRAME	TG-191
CP-317	LTC OUT	35	36	SS GOP	TG-191
CP-317	LTC SOURCE	37	38	H:VIDEO EE	DM-121
	REG GND	39	40	COM RX	AUX
CP-317	H:FAN STOP	41	42	COM TX	AUX
CP-317, DM-121	H:NTSC	43	44	CTS	AUX
	REG GND	45	46	RTS	AUX
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

CN52

	CN52				
DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
SDI-23	SDA	1	2	LD	SDI-23
SDI-23	SCK	3	4		
SDI-23	SP ENC 0	5	6	SP ENC 1	SDI-23
SDI-23	SP ENC 2	7	8	SP ENC 3	SDI-23
SDI-23	SP ENC 4	9	10	SP ENC 5	SDI-23
SDI-23	SP ENC 6	11	12	SP ENC 7	SDI-23
SDI-23	SP ENC 8	13	14	SP ENC 9	SDI-23
SDI-23	SP ENC HD	15	16	SP ENC VD	SDI-23
SDI-23	SP ENC CFI	17	18	SP ENC PARITY	SDI-23
SY-272	SIF2 MD CS	19	20		
RP-107	Y PB RF	21	22	C PB RF	RP-107
		23	24		
RP-107	RP DA DO	25	26	RP DA CLK	RP-107
RP-107	RP DA CS	27	28	RP DA DI	RP-107
SV-206	SV MINI TXD	29	30	SV MINI RXD	SV-206
SV-206	CTL PULSE	31	32	CTL SIG	SV-206
SV-206	LTC SIG	33	34		
		35	36	EE VIDEO FRAME	DM-121
		37	38		
RP-107	C REC RF (X)	39	40	C REC RF (G)	RP-107
RP-107	Y REC RF (X)	41	42	Y REC RF (G)	RP-107
DM-121	EE Y RF (X)	43	44	EE Y RF (G)	DM-121
DM-121	EE C RF (X)	45	46	EE C RF (G)	DM-121
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

MOTHERBOARD
MB-838 (5/8)
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http://getMANUAL.com
 MB-838 (6/8)

TG-191 CN61

TO CN51/TG-191

DISTINATIONS	SIGNAL	CN61		SIGNAL	DESTINATIONS
	REG GND	1	2	REG GND	
	REG GND	3	4	REG GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +8V	9	10	REG +8V	
	REG +8V	11	12	REG +8V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-1	17	18	REG +5V-1	
	REG +5V-1	19	20	REG +5V-1	
	REG -5V	21	22	REG -5V	
	REG -5V	23	24	REG -5V	
	REG +6V-2	25	26	REG +6V-2	
	REG +6V-2	27	28	REG +6V-2	
	REG -6V	29	30	REG -6V	
	REG -6V	31	32	REG -6V	
SYS BUS	SYS RESET	33	34	SY WR	SYS BUS
SYS BUS	SY RD	35	36	SY DIR	SYS BUS
SYS BUS	SY STB	37	38	SYS PIORES	SYS BUS
SYS BUS	SY D0	39	40	SY D1	SYS BUS
SYS BUS	SY D2	41	42	SY D3	SYS BUS
SYS BUS	SY D4	43	44	SY D5	SYS BUS
SYS BUS	SY D6	45	46	SY D7	SYS BUS
SYS BUS	SY A0	47	48	SY A1	SYS BUS
SYS BUS	SY A2	49	50	SY A3	SYS BUS
SYS BUS	SY A4	51	52	SY A5	SYS BUS
SYS BUS	SY A6	53	54	SY A7	SYS BUS
SY-272	SY TG CS	55	56		
		57	58	VIDEO OUT 2 LEVEL	VPR-59
VPR-59	VIDEO OUT 1 LEVEL	59	60	SDI IN REF HD	SDI-23
		61	62	SDI IN REF VD	SDI-23
		63	64	V START	SDI-23
		65	66	INPUT CF0	SDI-23
		67	68	INPUT CF1	SDI-23
		69	70	INPUT CF2	SDI-23
		71	72		
		73	74		
		75	76		
		77	78		
		79	80		
		81	82		
SY-272	SIF3 SCK	83	84	SIF3 CMD	SY-272
SY-272	SIF3 RES	85	86	SIF3 START	SY-272
		87	88	L:AU PLL UNLOCK	APR-42
SDI-23	CRUSH CF	89	90	SDI EFLAG	SDI-23. VPR-59
VPR-59	CHAR 27M (X)	91	92		
SDI-23	SDI 27M (G)	93	94	SDI 27M (X)	SDI-23
VPR-59	VPR 27M (X)	95	96	VPR 27M (G)	VPR-59
MD-122	MD 27M (X)	97	98	MD 27M (G)	MD-122
DM-121	TBC 27M (G)	99	100	TBC 27M (X)	DM-121

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206. SY-272, TG-191, and VPR-59 boards.

SDI-23 CN71

TO CN61/SDI-23

DISTINATIONS	SIGNAL	CN71		SIGNAL	DESTINATIONS
	REG GND	1	2	REG GND	
	REG GND	3	4	REG GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +8V	9	10	REG +8V	
	REG +8V	11	12	REG +8V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-1	17	18	REG +5V-1	
	REG +5V-1	19	20	REG +5V-1	
	REG -5V	21	22	REG -5V	
	REG -5V	23	24	REG -5V	
	REG +6V-2	25	26	REG +6V-2	
	REG +6V-2	27	28	REG +6V-2	
	REG -6V	29	30	REG -6V	
	REG -6V	31	32	REG -6V	
SYS BUS	SYS RESET	33	34	SY WR	SYS BUS
SYS BUS	SY RD	35	36	SY DIR	SYS BUS
SYS BUS	SY STB	37	38	SYS PIORES	SYS BUS
SYS BUS	SY D0	39	40	SY D1	SYS BUS
SYS BUS	SY D2	41	42	SY D3	SYS BUS
SYS BUS	SY D4	43	44	SY D5	SYS BUS
SYS BUS	SY D6	45	46	SY D7	SYS BUS
SYS BUS	SY A0	47	48	SY A1	SYS BUS
SYS BUS	SY A2	49	50	SY A3	SYS BUS
SYS BUS	SY A4	51	52	SY A5	SYS BUS
SYS BUS	SY A6	53	54	SY A7	SYS BUS
SY-272	SY SDI CS	55	56	DEC PLL LOCK	DEC-97
TG-191	SDI IN REF HD	57	58	SDI AU MUTE 1	APR-42
TG-191	SDI IN REF VD	59	60	SDI AU MUTE 2	APR-42
TG-191	V START	61	62	SDI AU MUTE 3	APR-42
TG-191	INPUT CF0	63	64	SDI AU MUTE 4	APR-42
TG-191	INPUT CF1	65	66		
TG-191	INPUT CF2	67	68		
TG-191. VPR-59	SDI EFLAG	69	70		
TG-191	CRUSH CF	71	72		
MD-122	SDA	73	74	SDI AUDIO R 3/4	APR-42
TG-191	REC VD	75	76	SDI AUDIO R 1/2	APR-42
DEC-97	V IN PARITY	77	78	V IN CF1	DEC-97
DEC-97	V IN VD	79	80	V IN HD	DEC-97
DEC-97	V IN CK (X)	81	82	V IN CK (G)	DEC-97
DEC-97	V IN 0	83	84	V IN 1	DEC-97
DEC-97	V IN 2	85	86	V IN 3	DEC-97
DEC-97	V IN 4	87	88	V IN 5	DEC-97
DEC-97	V IN 6	89	90	V IN 7	DEC-97
DEC-97	V IN 8	91	92	V IN 9	DEC-97
DEC-97	DD START	93	94	DD SCK	DEC-97
DEC-97	MODE DATA	95	96	STATUS DATA	DEC-97
SY-272	SIF2 SCK	97	98	SIF2 CMD	SY-272
SY-272	SIF2 RES	99	100	SIF2 RDY	SY-272

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206. SY-272, TG-191, and VPR-59 boards.

CN62

TO CN52/TG-191

DESTINATIONS	SIGNAL	CN62		SIGNAL	DESTINATIONS
DM-121	TBC HD	1	2	SDI FS (X)	SDI-23
DM-121	TBC VD	3	4	SDI FS (G)	SDI-23
		5	6	SDI 64FS (X)	SDI-23
		7	8	SDI 128FS (X)	SDI-23
		9	10	SDI 128FS (G)	SDI-23
VPR-59	VPR HD	11	12	REC VD	SDI-23
VPR-59	VPR VD	13	14	APR FS (X)	APR-42
VPR-59	VPR CF1	15	16	APR FS (G)	APR-42
VPR-59	ENCODER HD	17	18	APR 64FS (X)	APR-42
VPR-59	ENCODER VD	19	20	APR 256FS (G)	APR-42
VPR-59	ENCODER CF1	21	22	APR 256FS (X)	APR-42
SY-272	CHAR CK (X)	23	24	CHAR CK (G)	SY-272
		25	26		
		27	28	ADV CF	SDI-23
		29	30	DEC VD	SDI-23
		31	32		
SY-272	CHAR HD	33	34		
SY-272	CHAR VD	35	36		
		37	38		
SV-206. SY-272	SV REF	39	40	SS FRAME	SY-272
SY-272	SS GOP	41	42	NON STD LOCK	SDI-23
DEC-97	SEL INPUT (G)	43	44	SEL INPUT (X)	DEC-97
CP-317	REF VIDEO (G)	45	46	REF VIDEO (X)	CP-317
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

CN72

TO CN62/SDI-23

DESTINATIONS	SIGNAL	CN72		SIGNAL	DESTINATIONS
SY-272	SIF2 SDI CS	1	2	DEC RESET	DEC-97
MD-122. VPR-59	SP ENC 0	3	4	SP ENC 1	MD-122. VPR-59
MD-122. VPR-59	SP ENC 2	5	6	SP ENC 3	MD-122. VPR-59
MD-122. VPR-59	SP ENC 4	7	8	SP ENC 5	MD-122. VPR-59
MD-122. VPR-59	SP ENC 6	9	10	SP ENC 7	MD-122. VPR-59
MD-122. VPR-59	SP ENC 8	11	12	SP ENC 9	MD-122. VPR-59
MD-122. VPR-59	SP ENC HD	13	14	SP ENC VD	MD-122. VPR-59
MD-122. VPR-59	SP ENC CF1	15	16	SP ENC PARITY	MD-122. VPR-59
VPR-59	D OUT HD	17	18	D OUT CF0	VPR-59
VPR-59	D OUT CF1	19	20	D OUT CF2	VPR-59
VPR-59	D OUT 9	21	22	D OUT 8	VPR-59
VPR-59	D OUT 7	23	24	D OUT 6	VPR-59
VPR-59	D OUT 5	25	26	D OUT 4	VPR-59
VPR-59	D OUT 3	27	28	D OUT 2	VPR-59
VPR-59	D OUT 1	29	30	D OUT 0	VPR-59
VPR-59	D OUT PARITY	31	32		
TG-191	ADV CF	33	34	SDI 27M (X)	TG-191
TG-191	SDI 27M (G)	35	36	SDI FS (X)	TG-191
TG-191	SDI FS (G)	37	38	SDI 64FS (X)	TG-191
TG-191	SDI 128FS (X)	39	40	SDI 128FS (G)	TG-191
TG-191	NON STD LOCK	41	42	DEC VD	TG-191
APR-42	SDI AUDIO T 1/2	43	44	SDI AUDIO T 3/4	APR-42
MD-122	LD	45	46	SCK	MD-122
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

MOTHERBOARD
MB-838 (6/8)
BOARD NO. 1-673-540-11, 12
LOT NO. 812-
B-¥BVW55-MB838-11@-SIEDS

DEC-97 CN81

		CN81			
DISTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
	REG GND	1	2	REG GND	
	REG GND	3	4	REG GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +8V	9	10	REG +8V	
	REG +8V	11	12	REG +8V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-1	17	18	REG +5V-1	
	REG +5V-1	19	20	REG +5V-1	
	REG -5V	21	22	REG -5V	
	REG -5V	23	24	REG -5V	
	REG +6V-2	25	26	REG +6V-2	
	REG +6V-2	27	28	REG +6V-2	
	REG -6V	29	30	REG -6V	
	REG -6V	31	32	REG -6V	
SYS BUS	SYS RESET	33	34	SY WR	SYS BUS
SYS BUS	SY RD	35	36	SY DIR	SYS BUS
SYS BUS	SY STB	37	38	SYS PIORES	SYS BUS
SYS BUS	SY D0	39	40	SY D1	SYS BUS
SYS BUS	SY D2	41	42	SY D3	SYS BUS
SYS BUS	SY D4	43	44	SY D5	SYS BUS
SYS BUS	SY D6	45	46	SY D7	SYS BUS
SYS BUS	SY A0	47	48	SY A1	SYS BUS
SYS BUS	SY A2	49	50	SY A3	SYS BUS
SYS BUS	SY A4	51	52	SY A5	SYS BUS
SYS BUS	SY A6	53	54	SY A7	SYS BUS
		55	56	DEC PLL LOCK	SDI-23
		57	58		
		59	60		
		61	62		
SY-272	SY DEC CS	63	64		
		65	66		
		67	68		
		69	70		
		71	72		
		73	74		
		75	76		
SDI-23	V IN PARITY	77	78	V IN CFI	SDI-23
SDI-23	V IN VD	79	80	V IN HD	SDI-23
SDI-23	V IN CK (X)	81	82	V IN CK (G)	SDI-23
SDI-23	V IN 0	83	84	V IN 1	SDI-23
SDI-23	V IN 2	85	86	V IN 3	SDI-23
SDI-23	V IN 4	87	88	V IN 5	SDI-23
SDI-23	V IN 6	89	90	V IN 7	SDI-23
SDI-23	V IN 8	91	92	V IN 9	SDI-23
SDI-23	DD START	93	94	DD SCK	SDI-23
SDI-23	MODE DATA	95	96	STATUS DATA	SDI-23
		97	98		
		99	100		

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206, SY-272, TG-191, and VPR-59 boards.

VPR-59 CN91

		CN91			
DISTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
	REG GND	1	2	REG GND	
	REG GND	3	4	REG GND	
	REG GND	5	6	REG GND	
	REG GND	7	8	REG GND	
	REG +8V	9	10	REG +8V	
	REG +8V	11	12	REG +8V	
	REG +3.3V	13	14	REG +3.3V	
	REG +3.3V	15	16	REG +3.3V	
	REG +5V-1	17	18	REG +5V-1	
	REG +5V-1	19	20	REG +5V-1	
	REG -5V	21	22	REG -5V	
	REG -5V	23	24	REG -5V	
	REG +6V-1	25	26	REG +6V-1	
	REG +6V-1	27	28	REG +6V-1	
	REG -6V	29	30	REG -6V	
	REG -6V	31	32	REG -6V	
SYS BUS	SYS RESET	33	34	SY WR	SYS BUS
SYS BUS	SY RD	35	36	SY DIR	SYS BUS
SYS BUS	SY STB	37	38	SYS PIORES	SYS BUS
SYS BUS	SY D0	39	40	SY D1	SYS BUS
SYS BUS	SY D2	41	42	SY D3	SYS BUS
SYS BUS	SY D4	43	44	SY D5	SYS BUS
SYS BUS	SY D6	45	46	SY D7	SYS BUS
SYS BUS	SY A0	47	48	SY A1	SYS BUS
SYS BUS	SY A2	49	50	SY A3	SYS BUS
SYS BUS	SY A4	51	52	SY A5	SYS BUS
SYS BUS	SY A6	53	54	SY A7	SYS BUS
SY-272	SY VPR CS	55	56	VIDEO OUT 2 LEVEL	TG-191
TG-191	VIDEO OUT 1 LEVEL	57	58	CHAR SIG A (G)	SY-272
SY-272	CHAR SIG A (X)	59	60	CHAR FRAME A (G)	SY-272
SY-272	CHAR FRAME A (X)	61	62	CHAR FRAME D (X)	SY-272
SY-272	CHAR SIG D (X)	63	64	SDI EFLAG	SDI-23
CN-1779	S CLK	65	66	S-DATA	CN-1779
CN-1779	LOAD DA	67	68	LOAD LCD	CN-1779
CN-1779	2VBL	69	70	2VD	CN-1779
CN-1779	B-Y (X)	71	72	2HD	CN-1779
CN-1779	R-Y (X)	73	74	2H BLK	CN-1779
CN-1779	Y (X)	75	76	YRB (G)	CN-1779
CN-1779	LCD CK (X)	77	78	PB VD	CN-1779
SY-272	SIF3 SCK	79	80	LCD CK (G)	CN-1779
SY-272	SIF3 RES	81	82	SIF3 CMD	SY-272
TG-191	CHAR 27M (X)	83	84	SIF3 START	SY-272
TG-191	VPR 27M (X)	85	86	VPR 27M (G)	TG-191
DM-121	BCAM VIDEO 0	87	88	BCAM VIDEO 1	DM-121
DM-121	BCAM VIDEO 2	89	90	BCAM VIDEO 3	DM-121
DM-121	BCAM VIDEO 4	91	92	BCAM VIDEO 5	DM-121
DM-121	BCAM VIDEO 6	93	94	BCAM VIDEO 7	DM-121
DM-121	BCAM VIDEO 8	95	96	BCAM VIDEO 9	DM-121
DM-121	BCAM VIDEO HD	97	98	BCAM VIDEO VD	DM-121
DM-121	BCAM CF INFO	99	100	BCAM PARITY	DM-121

*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206, SY-272, TG-191, and VPR-59 boards.

CN82

		CN82			
DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
		1	2	DEC RESET	SDI-23
		3	4		
		5	6		
		7	8		
		9	10		
		11	12		
		13	14		
		15	16		
		17	18		
		19	20		
		21	22		
		23	24		
		25	26		
		27	28		
		29	30		
		31	32		
		33	34		
		35	36		
		37	38		
TG-191	SEL INPUT (X)	39	40	SEL INPUT (G)	TG-191
		41	42		
		43	44		
CP-317	INPUT VIDEO (X)	45	46	INPUT VIDEO (G)	CP-317
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

CN92

		CN92			
DESTINATIONS	SIGNAL			SIGNAL	DESTINATIONS
SDI-23	SP ENC 0	1	2	SP ENC 1	SDI-23
SDI-23	SP ENC 2	3	4	SP ENC 3	SDI-23
SDI-23	SP ENC 4	5	6	SP ENC 5	SDI-23
SDI-23	SP ENC 6	7	8	SP ENC 7	SDI-23
SDI-23	SP ENC 8	9	10	SP ENC 9	SDI-23
SDI-23	SP ENC HD	11	12	SP ENC VD	SDI-23
SDI-23	SP ENC CFI	13	14	SP ENC PARITY	SDI-23
SDI-23	D OUT HD	15	16	D OUT CF0	SDI-23
SDI-23	D OUT CF1	17	18	D OUT CF2	SDI-23
SDI-23	D OUT 9	19	20	D OUT 8	SDI-23
SDI-23	D OUT 7	21	22	D OUT 6	SDI-23
SDI-23	D OUT 5	23	24	D OUT 4	SDI-23
SDI-23	D OUT 3	25	26	D OUT 2	SDI-23
SDI-23	D OUT 1	27	28	D OUT 0	SDI-23
SDI-23	D OUT PARITY	29	30		
TG-191	VPR VD	31	32	VPR HD	TG-191
TG-191	ENCODER HD	33	34	VPR CFI	TG-191
TG-191	ENCODER CFI	35	36	ENCODER VD	TG-191
DM-121	TBC 4FSC (X)	37	38	TBC 4FSC (G)	DM-121
DM-121	VISC (G)	39	40	H:H SHIFT	DM-121
DM-121	VISC (X)	41	42	BCAM CF	DM-121
CP-317	VIDEO OUT 2 (X)	43	44	H:V SHIFT	DM-121
CP-317	VIDEO OUT 1 (X)	45	46	VIDEO OUT (G)	CP-317
	REG GND	47	48	REG GND	
	REG GND	49	50	REG GND	

MOTHERBOARD
MB-838 (7/8)
BOARD NO. 1-673-540-11, 12
LOT NO. 812-
B-¥BVW55-MB838-11@-SIEDS

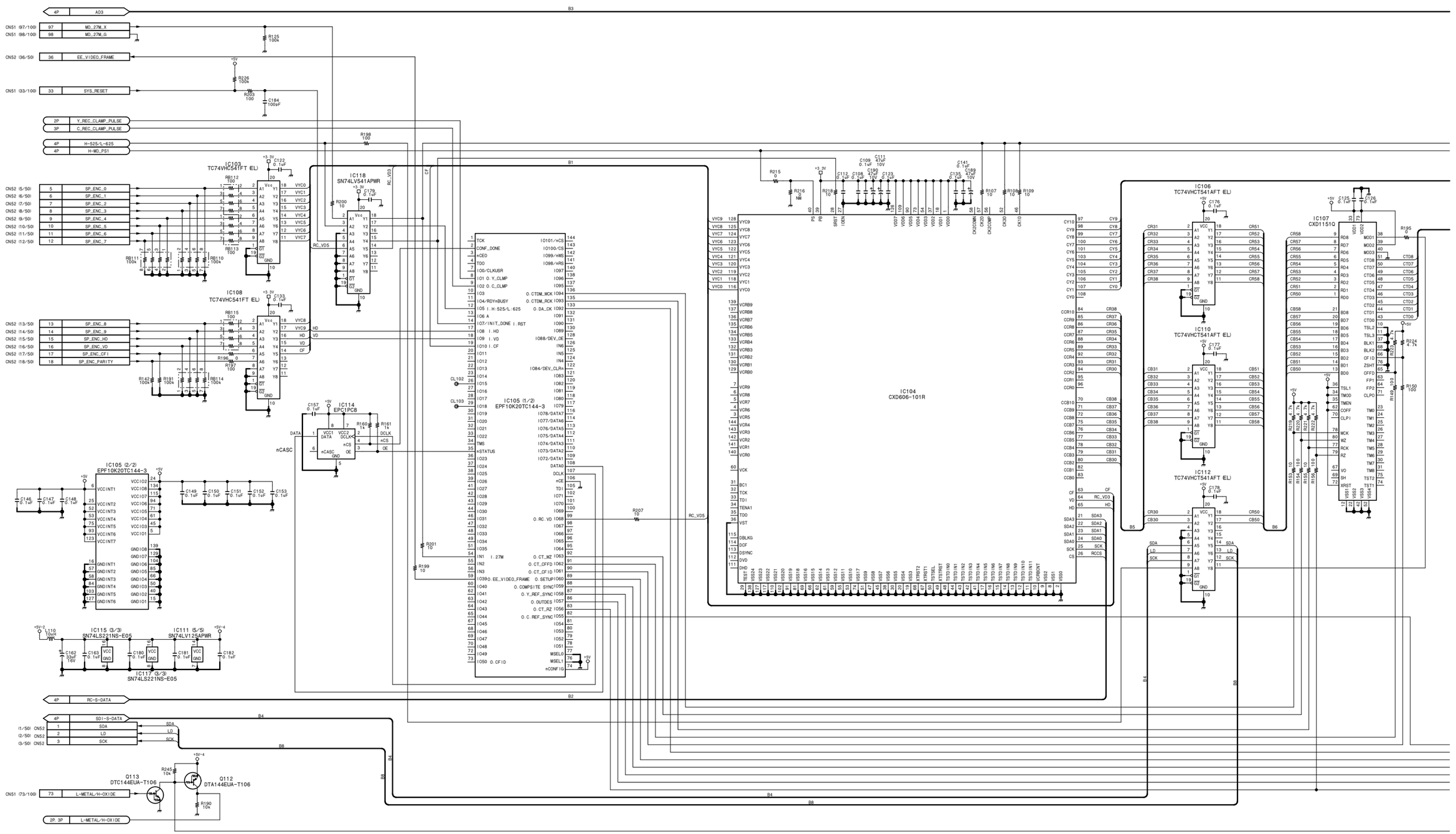
DM-121 CN101

DESTINATIONS	SHIGNAL NEME	CN101 NO.		SHIGNAL NAME	DESTINATIONS
	REG GND	139	140	REG GND	
	REG GND	137	138	REG GND	
	REG GND	135	136	REG GND	
	REG GND	133	134	REG GND	
	REG GND	131	132	REG GND	
	REG GND	129	130	REG GND	
	REG GND	127	128	REG GND	
	REG GND	125	126	REG GND	
	REG +3.3V	123	124	REG +3.3V	
	REG +3.3V	121	122	REG +3.3V	
	REG +3.3V	119	120	REG +3.3V	
	REG +5V-1	117	118	REG +5V-1	
	REG +5V-1	115	116	REG +5V-1	
	REG +5V-1	113	114	REG +5V-1	
	REG -5V	111	112	REG -5V	
	REG -5V	109	110	REG -5V	
	REG -5V	107	108	REG -5V	
	REG +6V-2	105	106	REG +6V-2	
	REG +6V-2	103	104	REG +6V-2	
	REG +6V-2	101	102	REG +6V-2	
	REG -6V	99	100	REG -6V	
	REG -6V	97	98	REG -6V	
	REG -6V	95	96	REG -6V	
	REG +8V	93	94	REG +8V	
	REG +8V	91	92	REG +8V	
	REG +8V	89	90	REG +8V	
	UNREG GND	87	88	UNREG GND	
	UNREG GND	85	86	UNREG GND	
		83	84		
SYS BUS	SYS RESET	81	82	H:VIDEO EE	SY-272
SY-272	SIF2 CMD	79	80	SIF2 SCK	SY-272
SY-272	SIF2 RDY	77	78	SIF2 RES	SY-272
SY-272	SIF2 TBC CS	75	76	SIF2 DM CS	SY-272
SY-272	H:NTSC	73	74	TBC RESET	SY-272
		71	72		
	TBC GND	69	70	TBC GND	
VPR-59	BCAM VIDEO 1	67	68	BCAM VIDEO 0	VPR-59
VPR-59	BCAM VIDEO 3	65	66	BCAM VIDEO 2	VPR-59
VPR-59	BCAM VIDEO 5	63	64	BCAM VIDEO 4	VPR-59
VPR-59	BCAM VIDEO 7	61	62	BCAM VIDEO 6	VPR-59
VPR-59	BCAM VIDEO 9	59	60	BCAM VIDEO 8	VPR-59
VPR-59	BCAM VIDEO VD	57	58	BCAM VIDEO HD	VPR-59
VPR-59	BCAM PARITY	55	56	BCAM CF INFO	VPR-59
		53	54		
VPR-59	TBC 4FSC (X)	51	52	TBC 4FSC (G)	VPR-59
VPR-59	VISC (G)	49	50	H:H SHIFT	VPR-59
VPR-59	VISC (X)	47	48	BCAM CF	VPR-59
		45	46	H:V SHIFT	VPR-59
	REG GND	43	44		
TG-191	TBC 27M (X)	41	42	TBC 27M (G)	TG-191
		39	40		
TG-191	TBC HD	37	38	EE VIDEO FRAME	MD-122
TG-191	TBC VD	35	36	EE C RF (X)	MD-122
	DM-RP JP	33	34	EE C RF (G)	MD-122
SV-206	PB FP1	31	32	EE Y RF (X)	MD-122
SV-206	PB FP2	29	30	EE Y RF (G)	MD-122
SV-206	SV-TBC JP0	27	28	Y PB SYNC	SV-206
SV-206	SV-TBC JP1	25	26	SERVO V	SV-206
SV-206	ADV Y SW PLS	23	24	L:C PCM MUTE	**SV-206**
SV-206	ADV C SW PLS	21	22	L:Y PCM MUTE	SV-206
	REG GND	19	20	L:RF Y BLK	SV-206
SV-206	SV TAPE SPEED	17	18	L:RF C BLK	SV-206
SY-272	SY-DM JP0	15	16	L:SLOW BID	SV-206
SY-272	SY-DM JP1	13	14	L:NOR PB	
SV-206	ANA RF ENV (G)	11	12	L:Y DO PLS	SV-206
SV-206	ANA RF ENV (X)	9	10	L:C DO PLS	SV-206
	REG GND	7	8	REG GND	
	REG GND	5	6	REG GND	
	REG GND	3	4	REG GND	
	REG GND	1	2	REG GND	

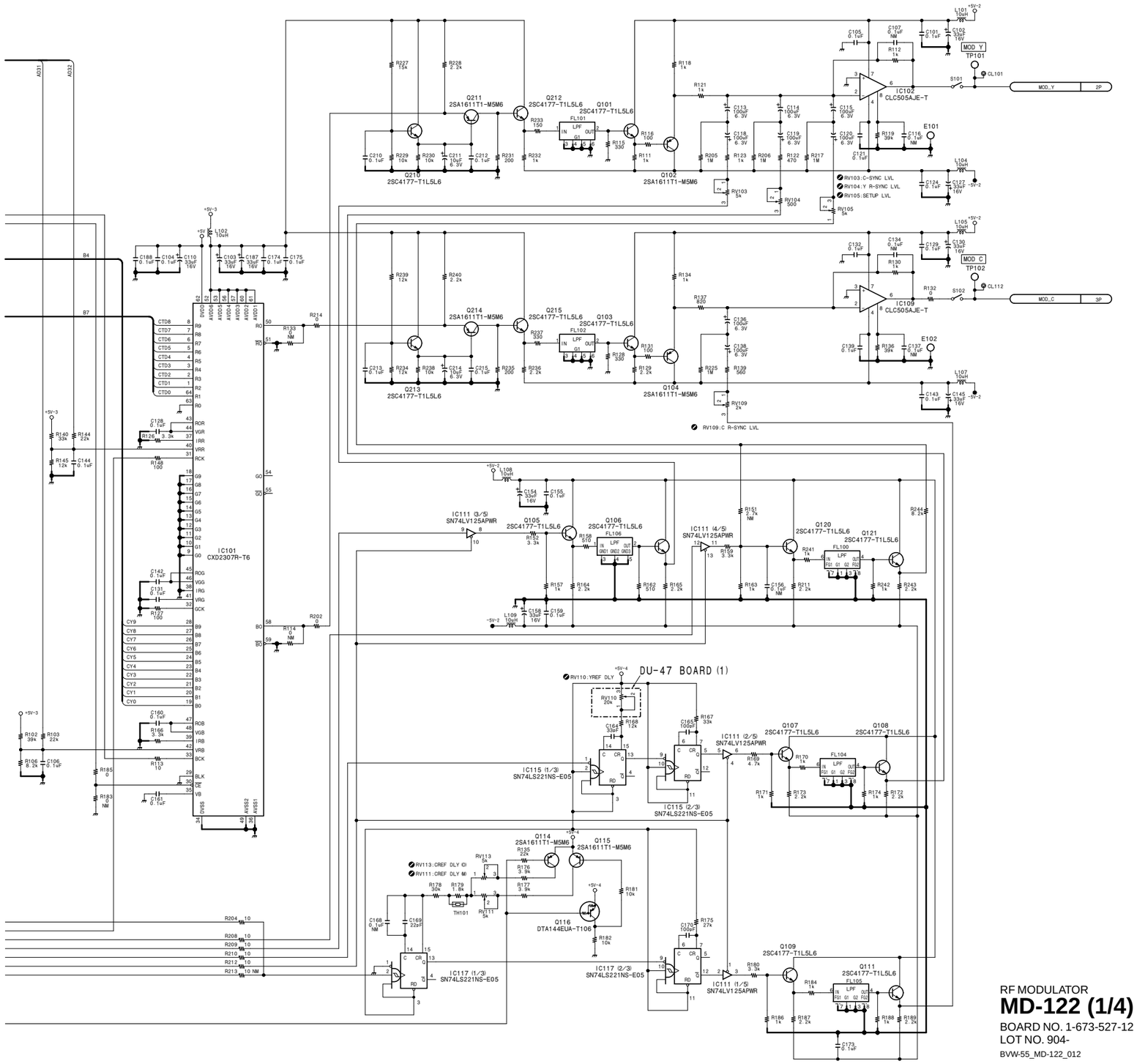
*SYS BUS:The SYS BUS consists of the APR-42, AU-262, DEC-97, SDI-23, SV-206, SY-272, TG-191, and VPR-59 boards.

MOTHERBOARD
MB-838 (8/8)
BOARD NO. 1-673-540-11, 12
LOT NO. 812-
B-¥BVW55-MB838-11@-SIEDS

MD-122 (1/4)



4-70 (b)



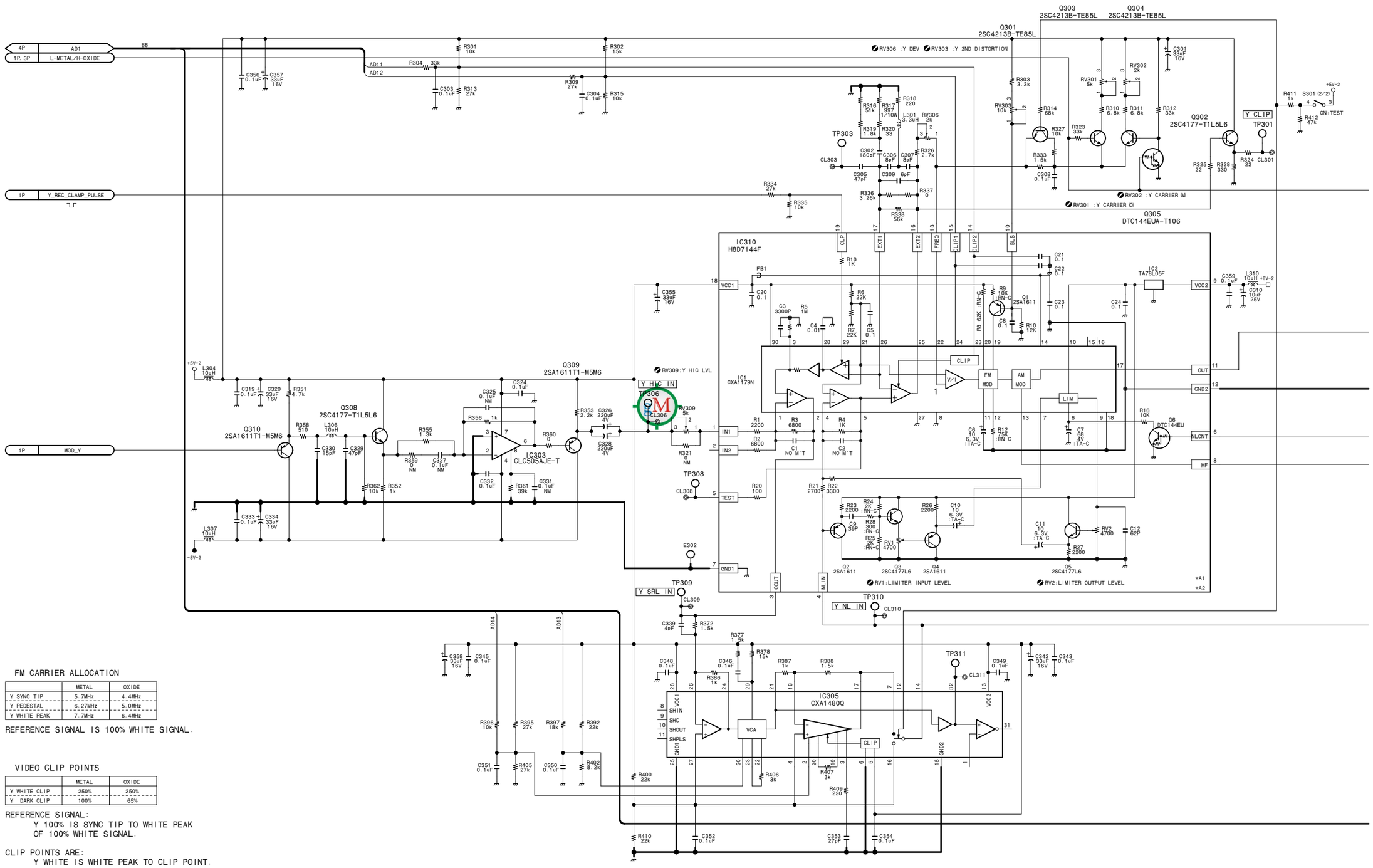
RF MODULATOR

MD-122 (1/4)

BOARD NO. 1-673-527-12
LOT NO. 904-

BVW-55_MD-122_012

MD-122 (2/4)



FM CARRIER ALLOCATION

	METAL	OXIDE
Y SYNC TIP	5.7MHz	4.4MHz
Y PEDESTAL	6.27MHz	5.0MHz
Y WHITE PEAK	7.7MHz	6.4MHz

REFERENCE SIGNAL IS 100% WHITE SIGNAL.

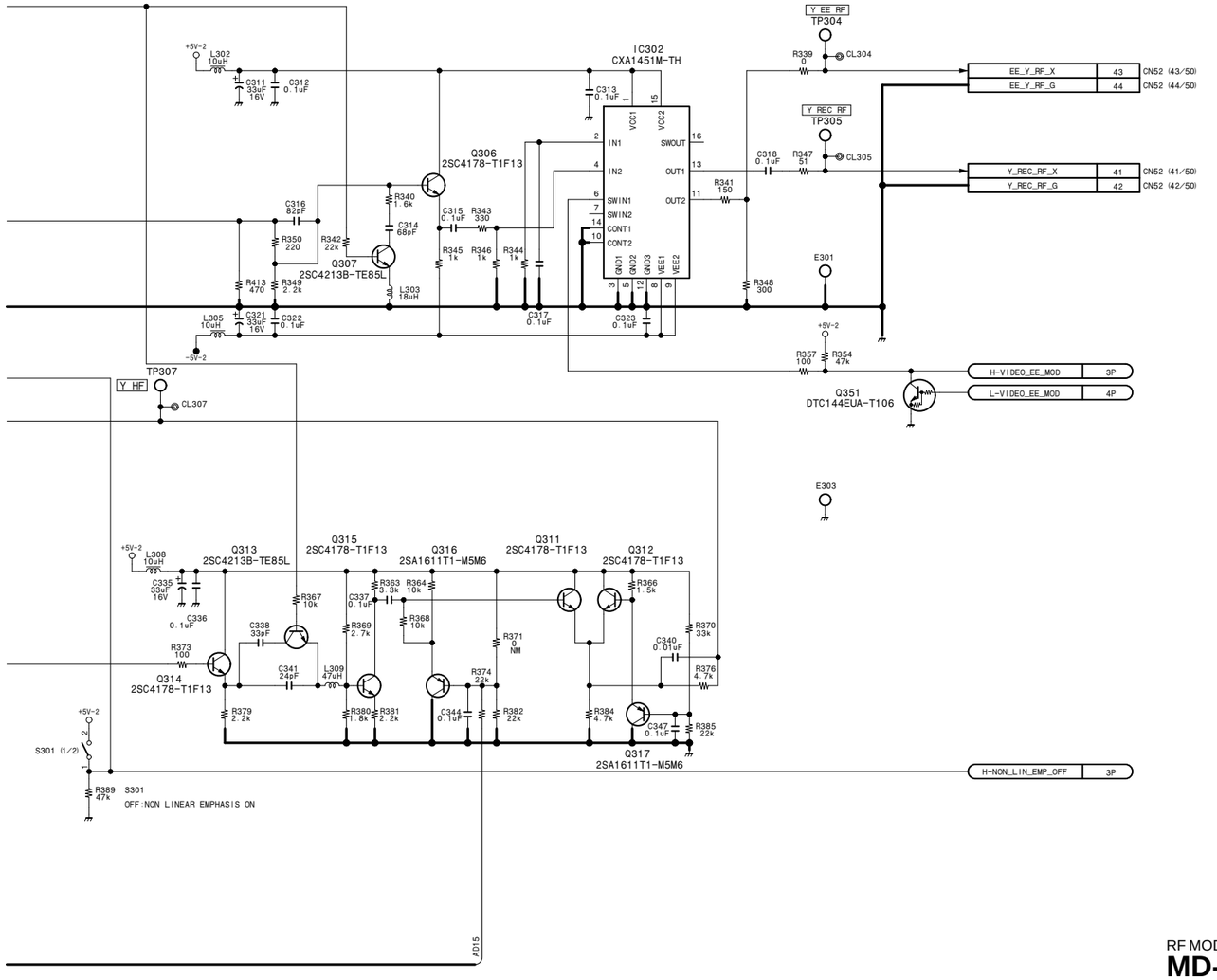
VIDEO CLIP POINTS

	METAL	OXIDE
Y WHITE CLIP	250%	250%
Y DARK CLIP	100%	65%

REFERENCE SIGNAL:
Y 100% IS SYNC TIP TO WHITE PEAK
OF 100% WHITE SIGNAL.

CLIP POINTS ARE:
Y WHITE IS WHITE PEAK TO CLIP POINT.
Y DARK IS SYNC TIP TO CLIP POINT.

4-72 (b)

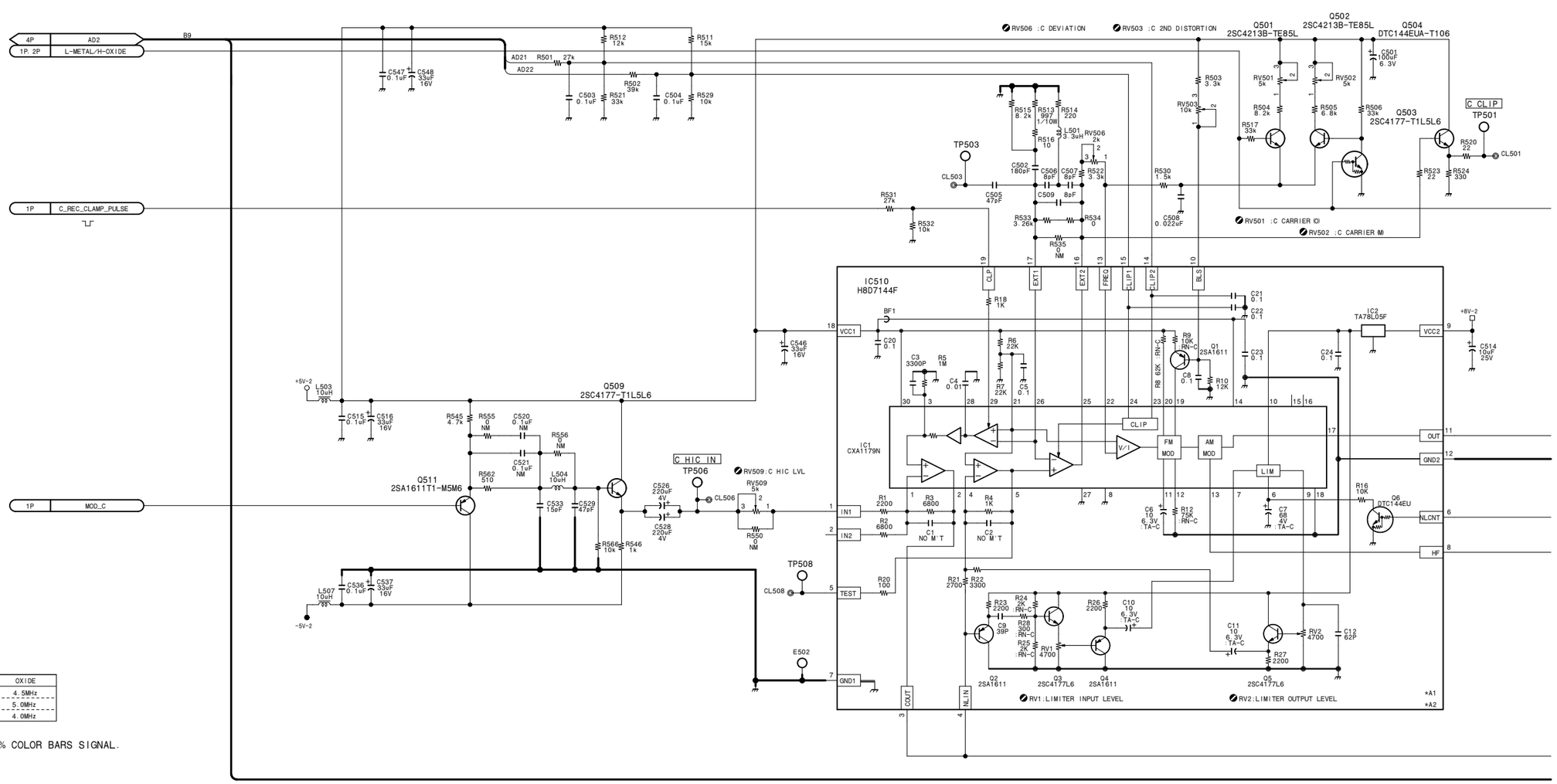


RF MODULATOR

MD-122 (2/4)

BOARD NO. 1-673-527-12
LOT NO. 904-
BVW-55_MD-122_012

MD-122 (3/4)



FM CARRIER ALLOCATION

	METAL	OXIDE
C PEDESTAL	5.3MHz	4.5MHz
C HIGH PEAK	5.8MHz	5.0MHz
C LOW PEAK	4.8MHz	4.0MHz

REFERENCE SIGNAL IS 100% COLOR BARS SIGNAL.

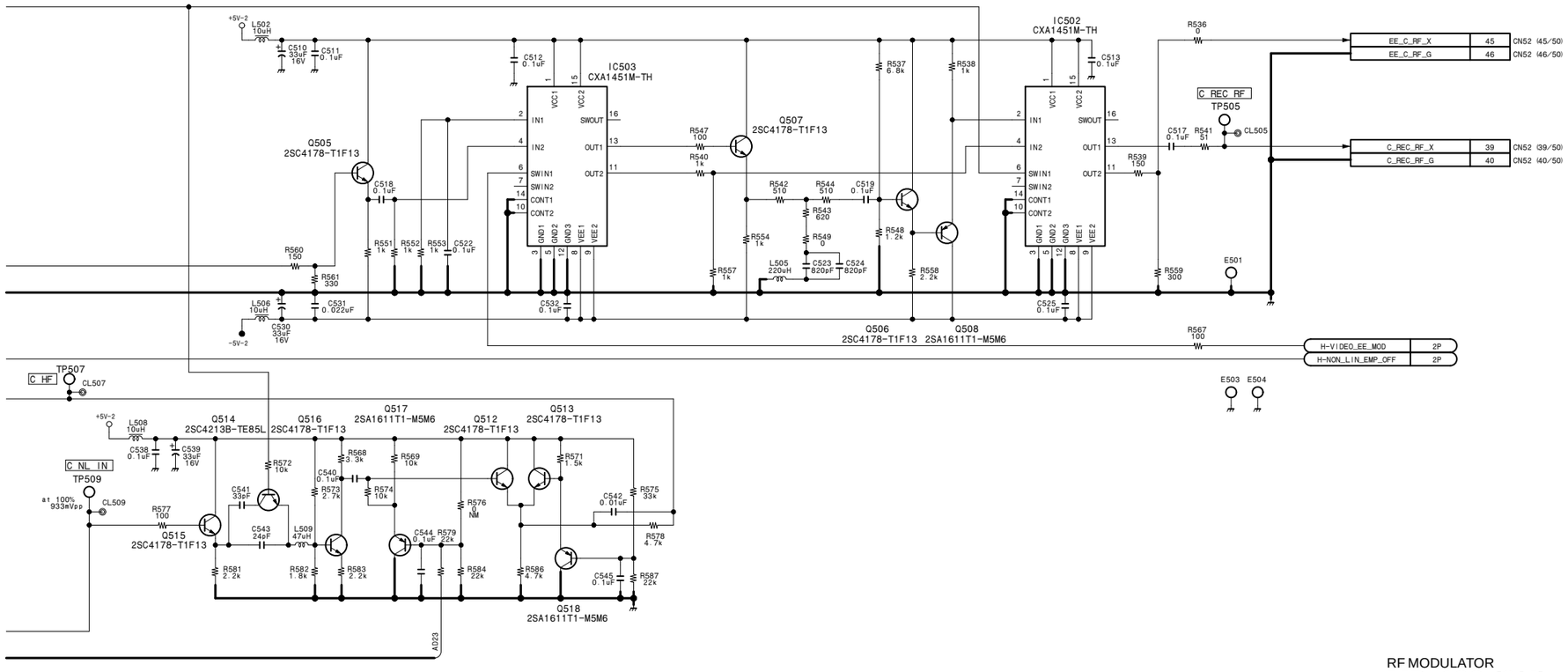
VIDEO CLIP POINTS

	METAL	OXIDE
C HIGH CLIP	305%	305%
C LOW CLIP	250%	170%

REFERENCE SIGNAL:
C 100% IS HIGH PEAK TO LOW PEAK
OF 100% COLOR BARS SIGNAL.

CLIP POINT IS PEDESTAL LINE TO CLIP POINT.

4-74 (b)



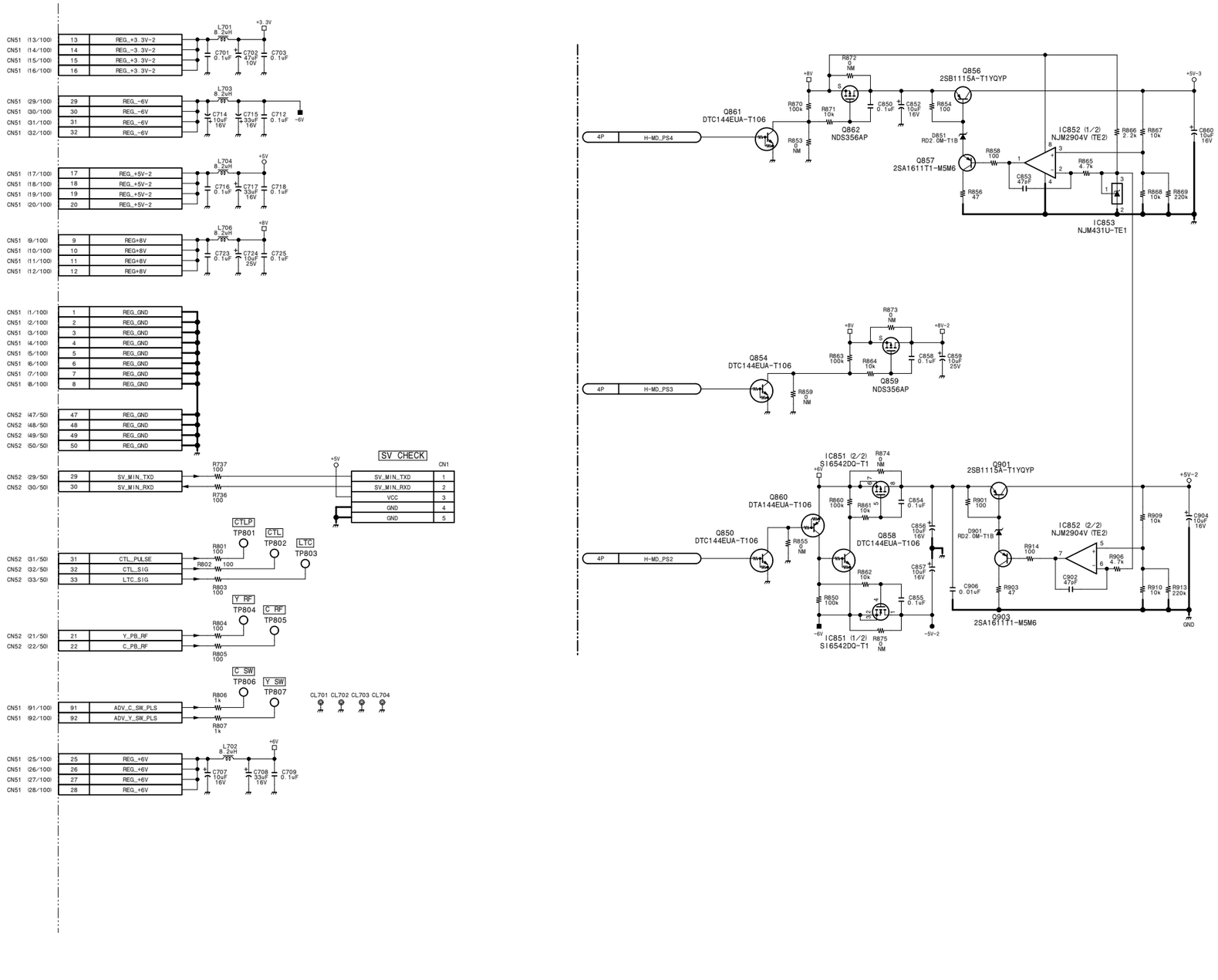
RF MODULATOR

MD-122 (3/4)

BOARD NO. 1-673-527-12
LOT NO. 904-

BVW-55_MD-122_012

MD-122 (4/4)



4-76 (b)

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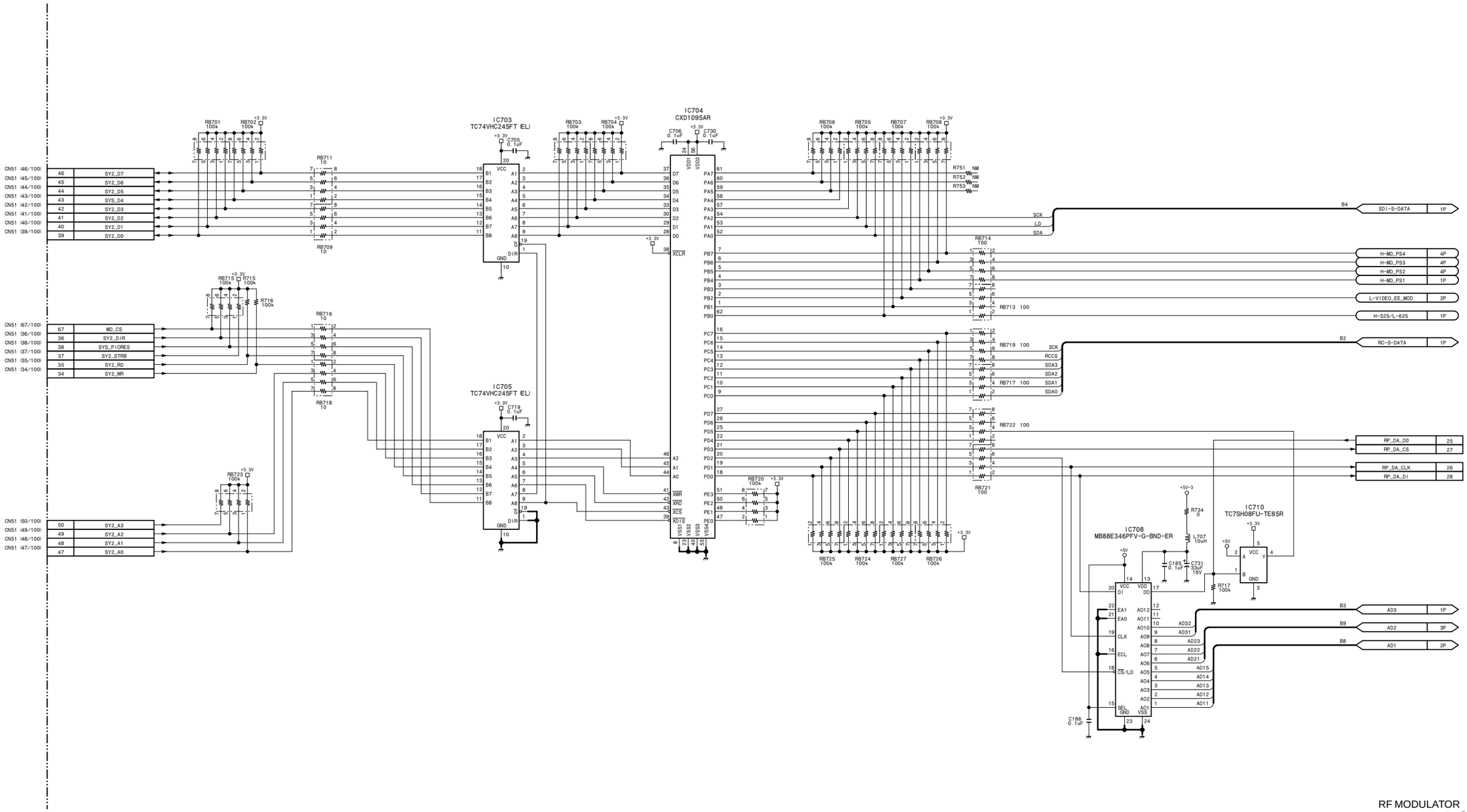


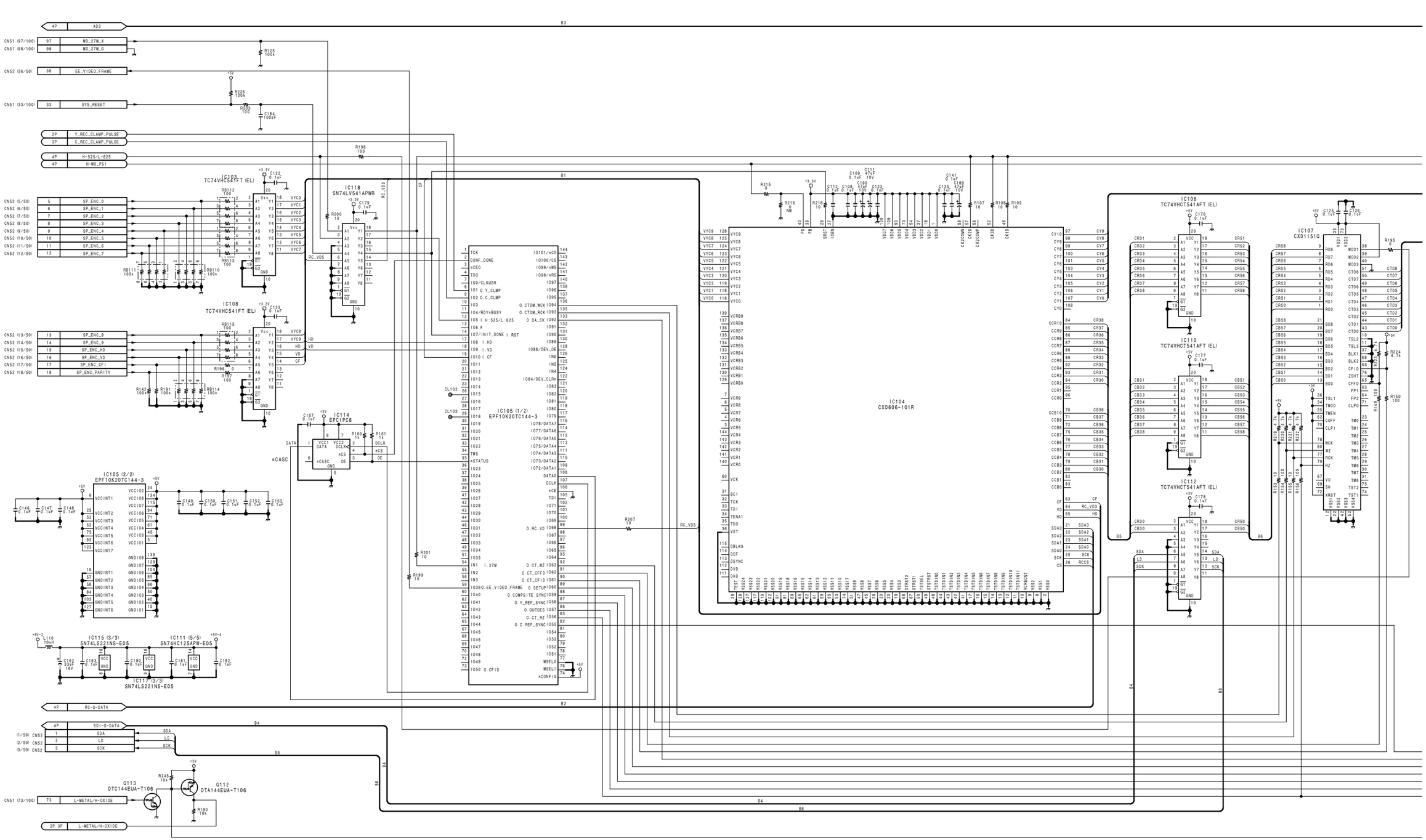
RF MODULATOR

MD-122 (4/4)

BOARD NO. 1-673-527-12
LOT NO. 904-

BVW-55_MD-122_012

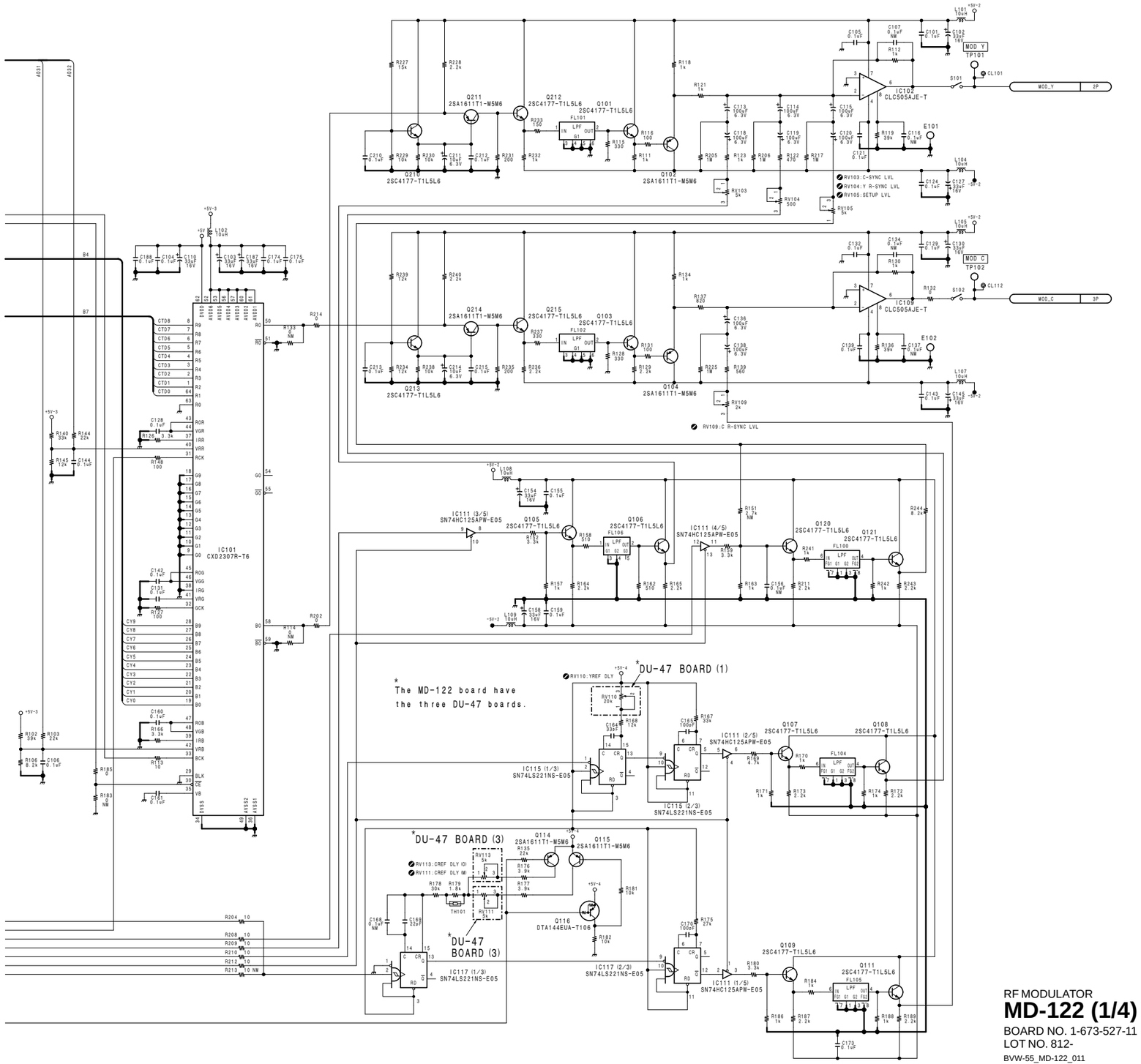
MD-122 (1/4)



4-70 (a) 4-70 (a)

BVW-55

A B C D E F G H

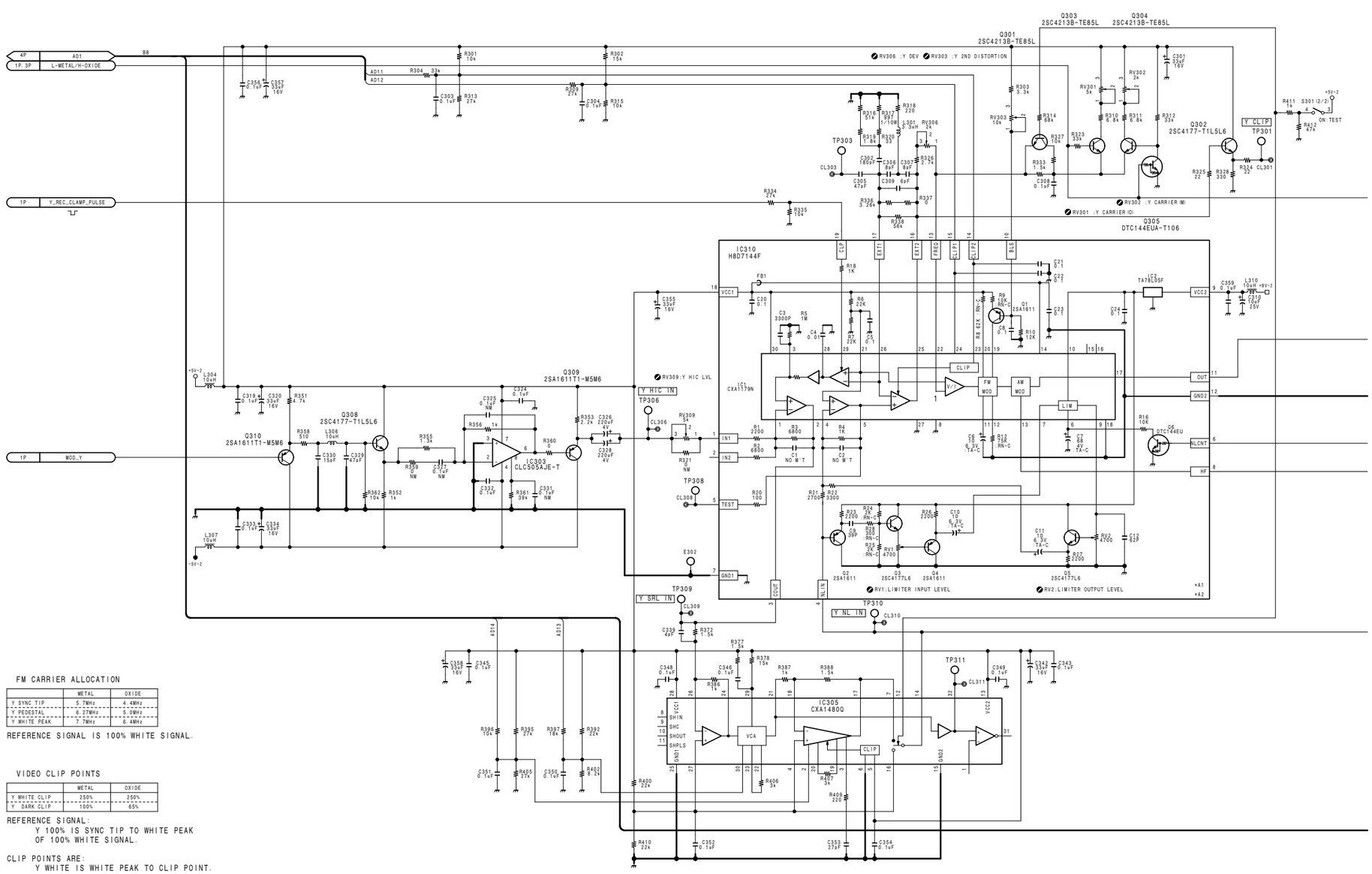


RF MODULATOR

MD-122 (1/4)

BOARD NO. 1-673-527-11
LOT NO. 812-
BVW-55_MD-122_011

MD-122 (2/4)



FM CARRIER ALLOCATION

	METAL	OXIDE
Y SYNC TIP	5.7MHz	4.4MHz
Y PEDESTAL	6.27MHz	5.0MHz
Y WHITE PEAK	7.7MHz	6.4MHz

REFERENCE SIGNAL IS 100% WHITE SIGNAL.

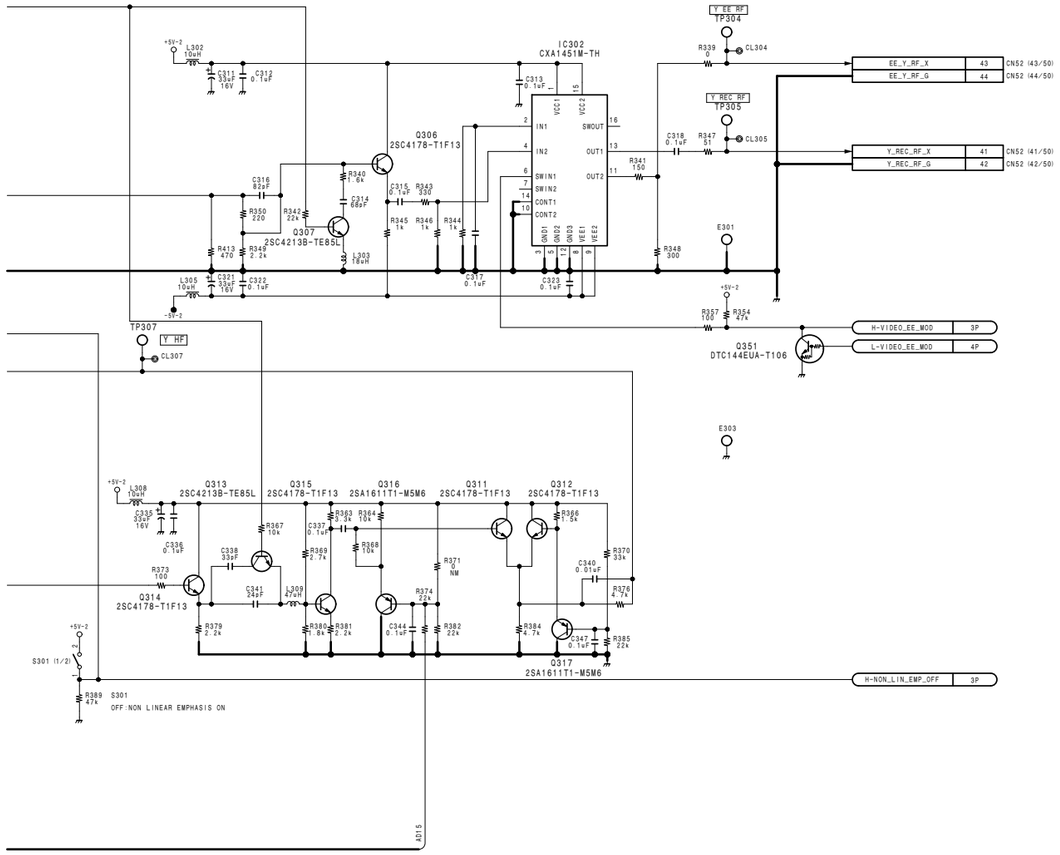
VIDEO CLIP POINTS

	METAL	OXIDE
Y WHITE CLIP	250%	250%
Y DARK CLIP	100%	65%

REFERENCE SIGNAL:
Y 100% IS SYNC TIP TO WHITE PEAK OF 100% WHITE SIGNAL.

CLIP POINTS ARE:
Y WHITE IS WHITE PEAK TO CLIP POINT.
Y DARK IS SYNC TIP TO CLIP POINT.

4-72 (a)

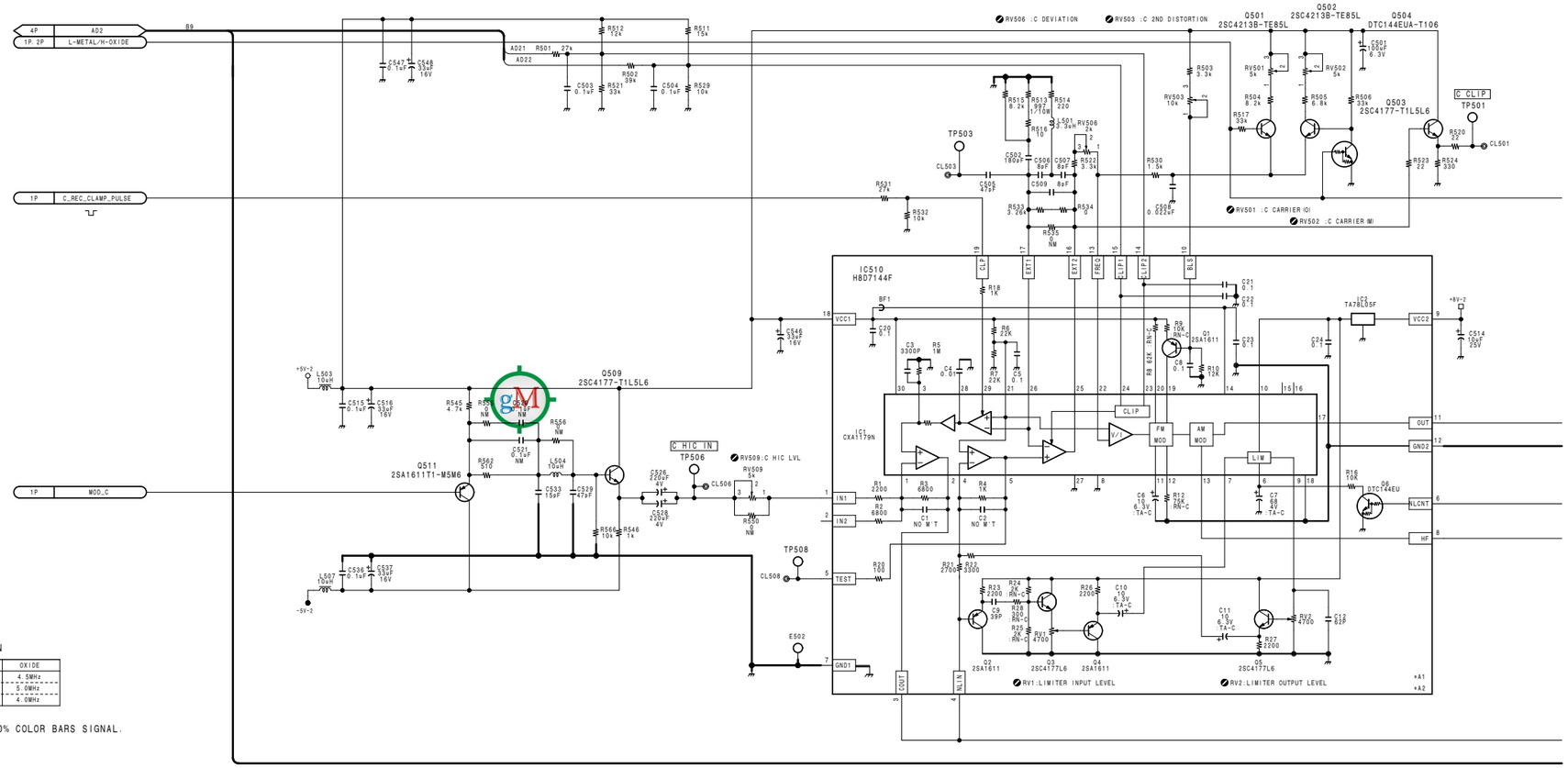


RF MODULATOR

MD-122 (2/4)

BOARD NO. 1-673-527-11
LOT NO. 812-
BVW-55_MD-122_011

MD-122 (3/4)



FM CARRIER ALLOCATION

	METAL	OXIDE
C PEDESTAL	5.3MHz	4.5MHz
C HIGH PEAK	5.8MHz	5.0MHz
C LOW PEAK	4.8MHz	4.0MHz

REFERENCE SIGNAL IS 100% COLOR BARS SIGNAL.

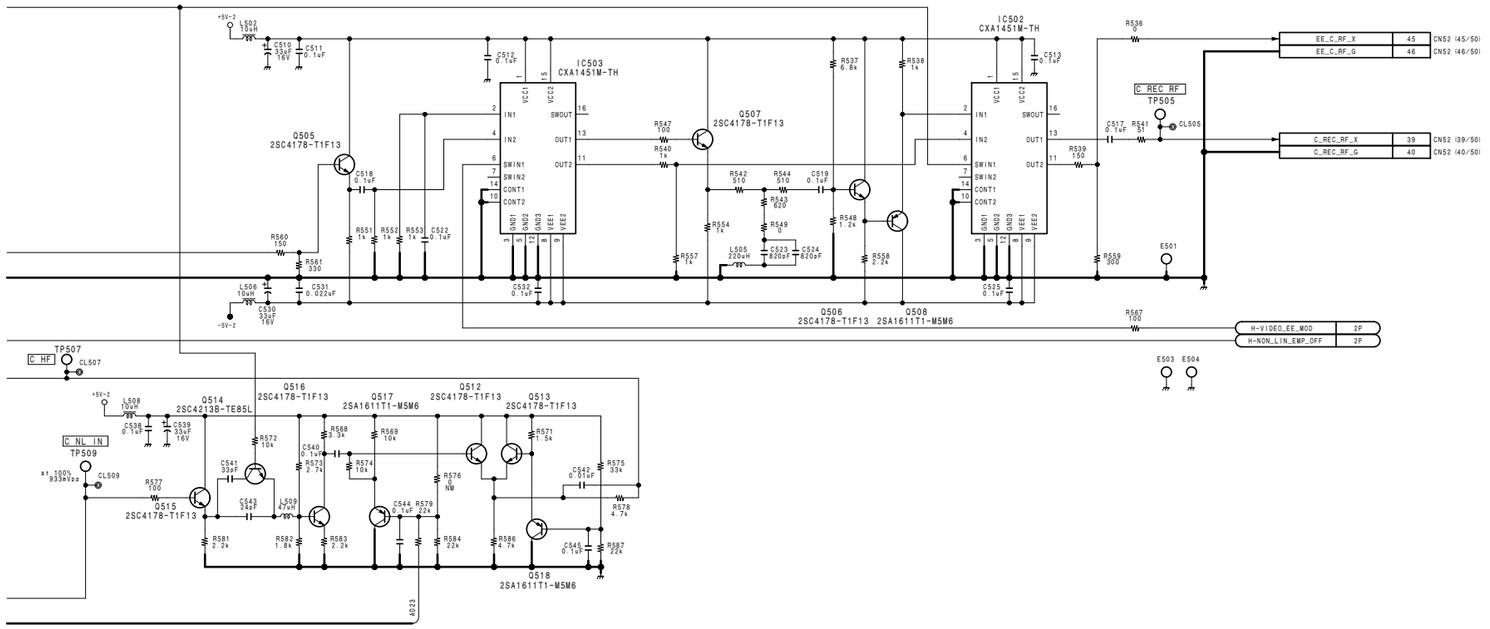
VIDEO CLIP POINTS

	METAL	OXIDE
C HIGH CLIP	305%	305%
C LOW CLIP	250%	170%

REFERENCE SIGNAL:
C 100% IS HIGH PEAK TO LOW PEAK
OF 100% COLOR BARS SIGNAL.

CLIP POINT IS PEDESTAL LINE TO CLIP POINT.

4-74 (a)

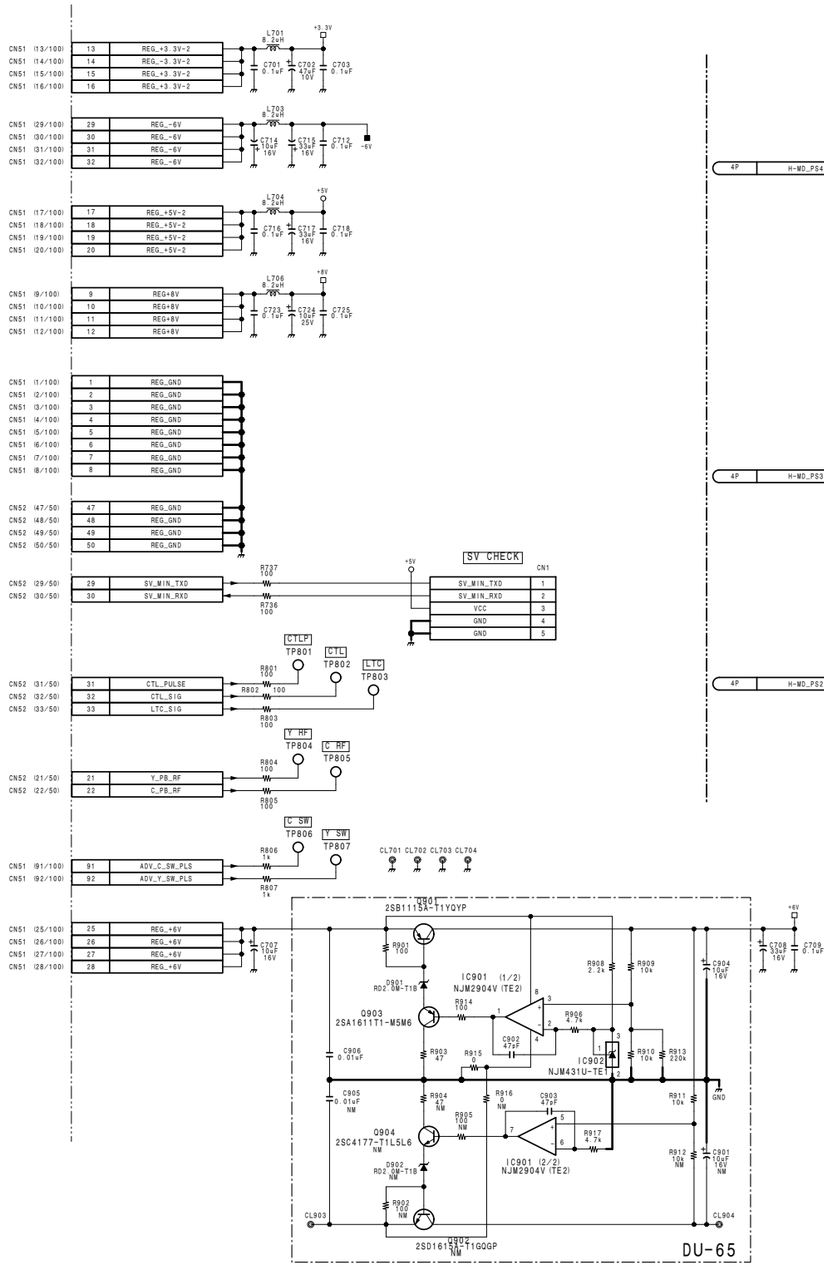


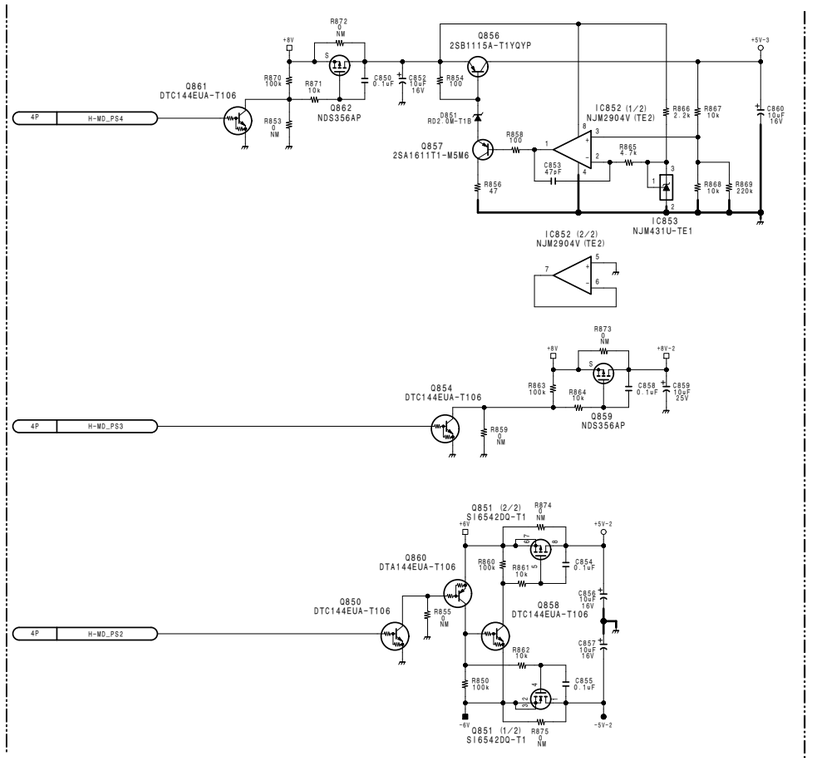
RF MODULATOR

MD-122 (3/4)

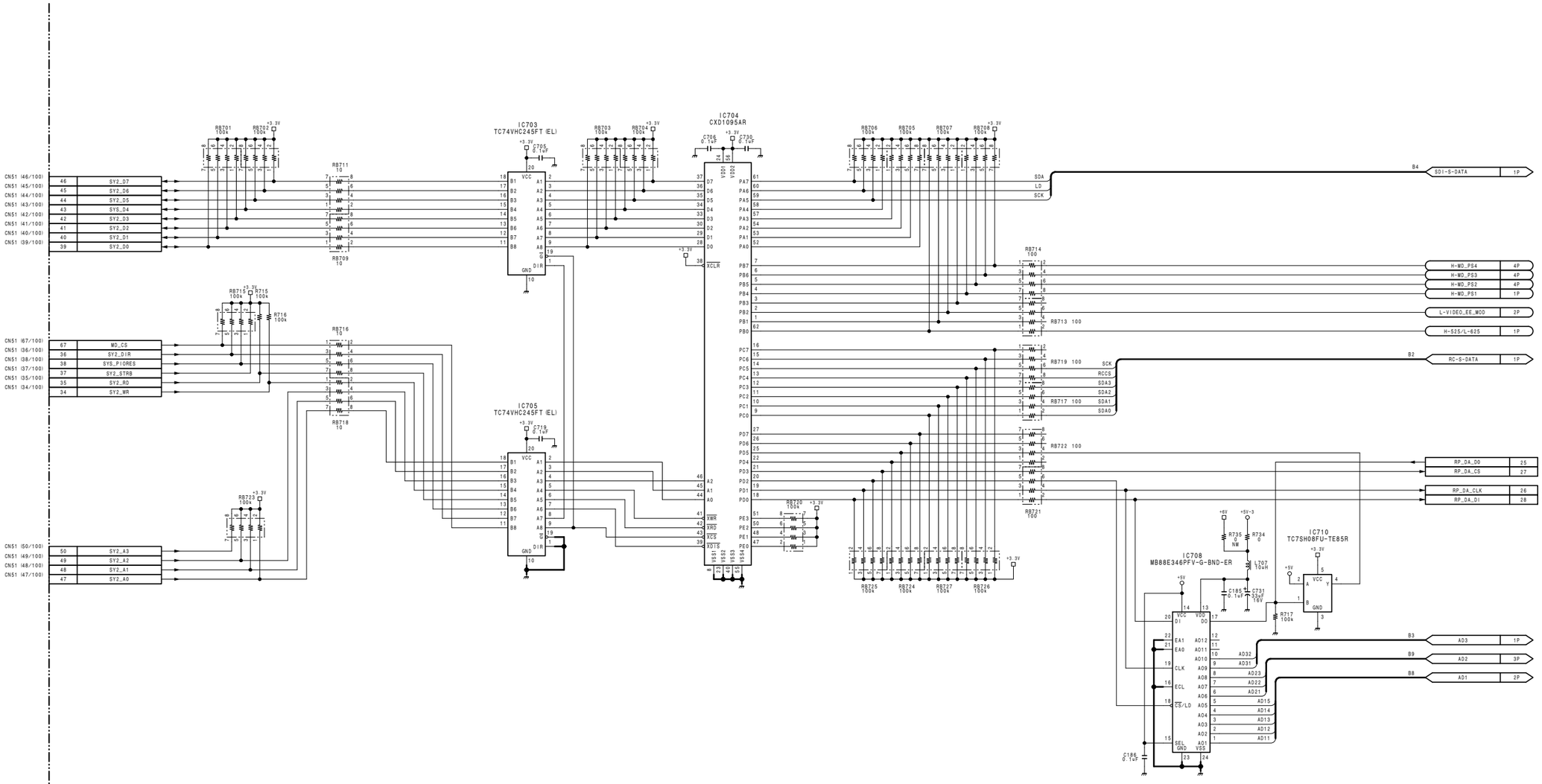
BOARD NO. 1-673-527-11
LOT NO. 812-
BVW-55_MD-122_011

MD-122 (4/4)





4-76 (a)



RF MODULATOR

MD-122 (4/4)

BOARD NO. 1-673-527-11
LOT NO. 812-

BVW-55_MD-122_011

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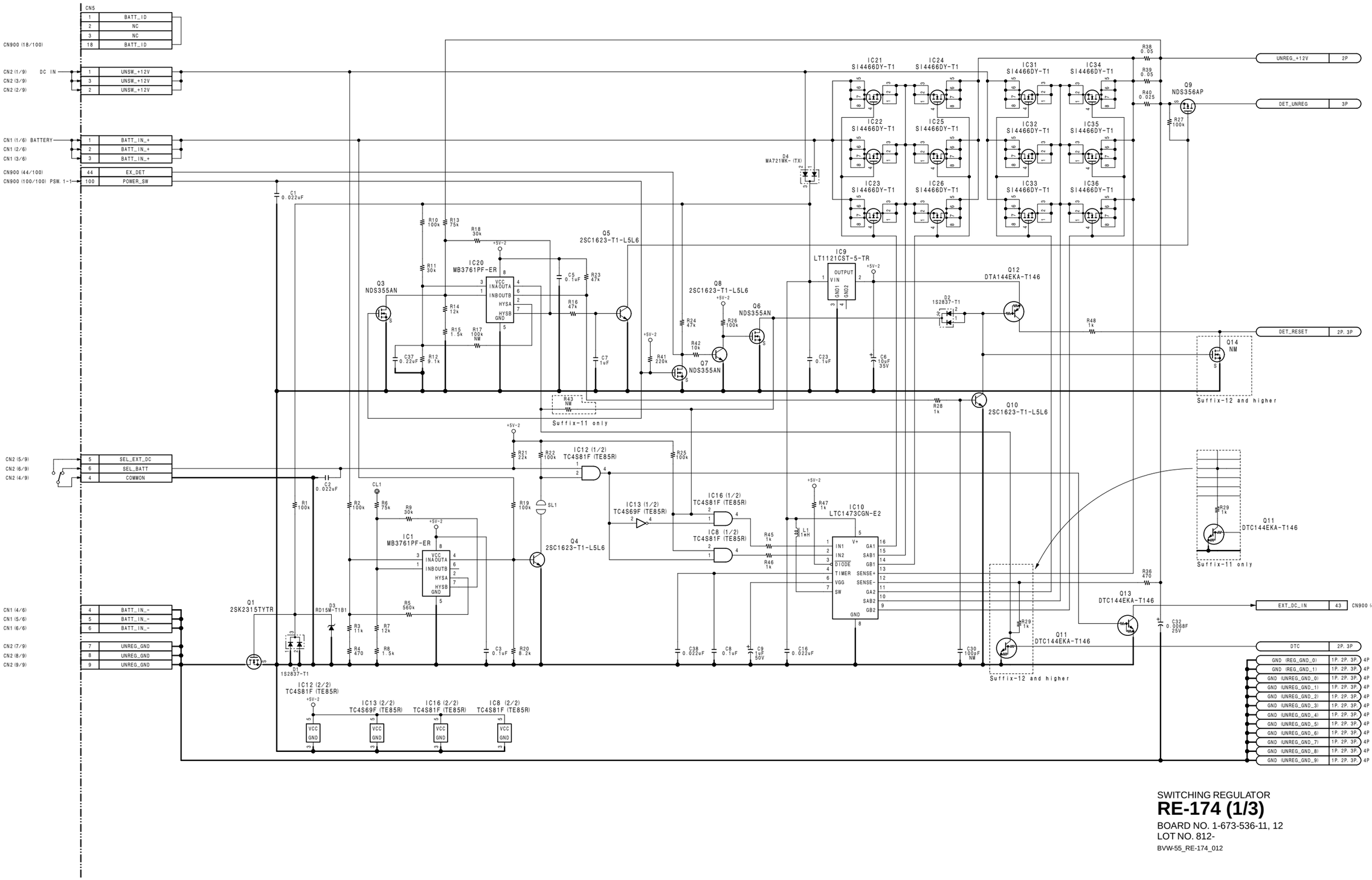


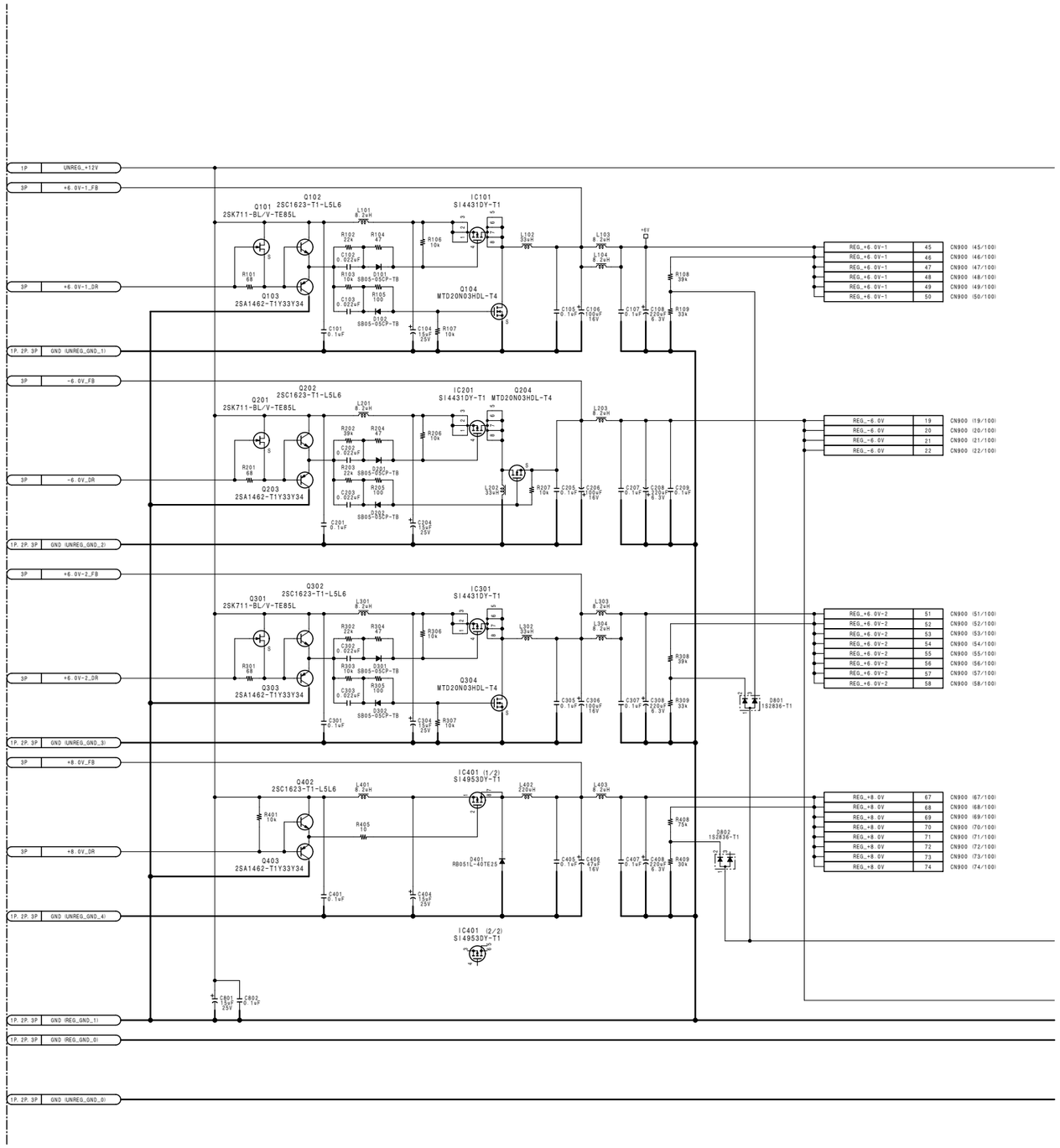
SWITCHING REGULATOR

RE-174 (1/3)

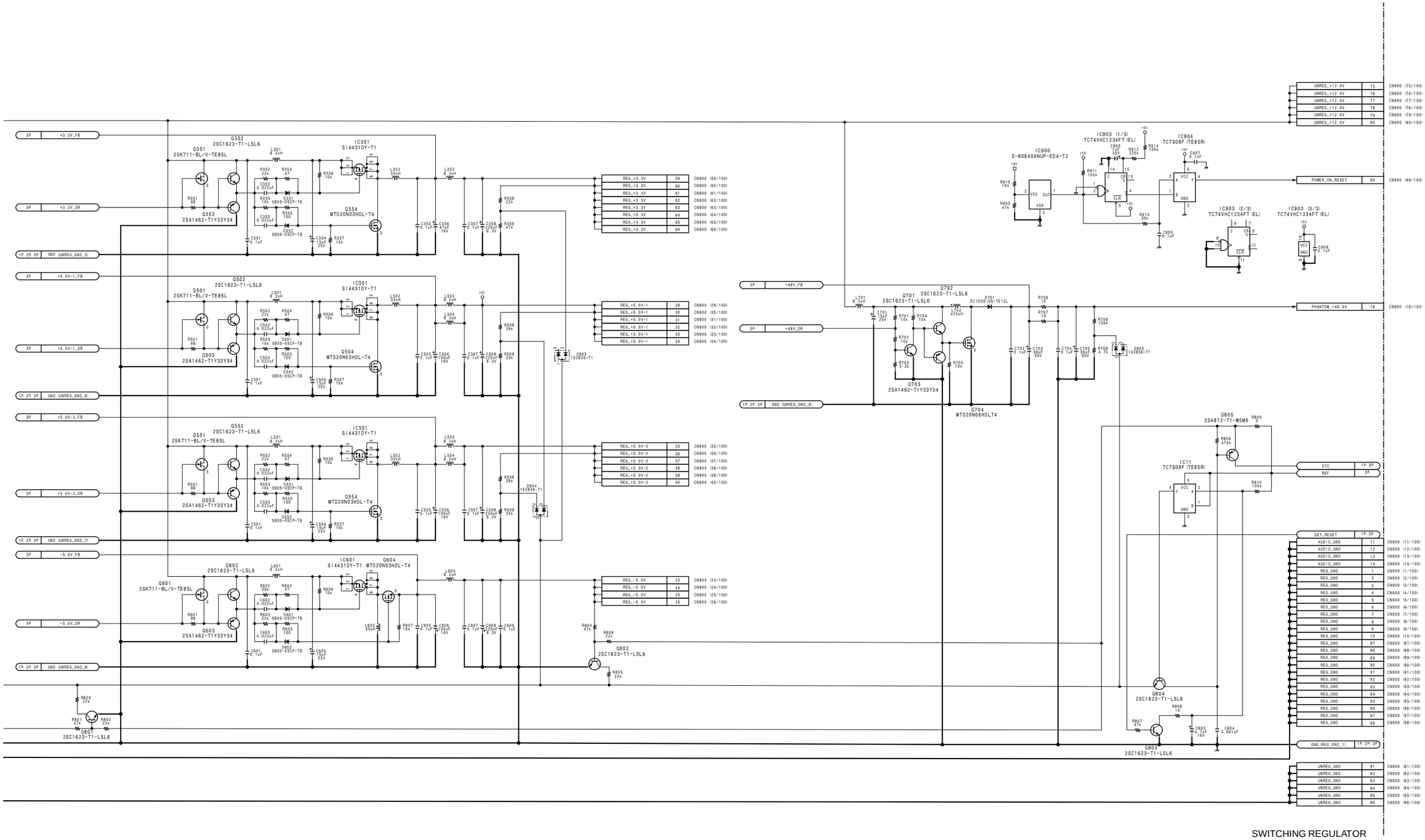
BOARD NO. 1-673-536-11, 12
LOT NO. 812-

BVW-55_RE-174_012

RE-174 (2/3)


1P UNREG_+12V
3P +6.0V-1_FB
3P +6.0V-1_DR
1P. 2P. 3P GND (UNREG_GND_1)
3P -6.0V_FB
3P -6.0V_DR
1P. 2P. 3P GND (UNREG_GND_2)
3P +6.0V-2_FB
3P +6.0V-2_DR
1P. 2P. 3P GND (UNREG_GND_3)
3P +8.0V_FB
3P +8.0V_DR
1P. 2P. 3P GND (UNREG_GND_4)
1P. 2P. 3P GND (REG_GND_1)
1P. 2P. 3P GND (REG_GND_0)
1P. 2P. 3P GND (UNREG_GND_0)
Q101 2SK711-BL/V-TE85L
Q102 2SC1623-T1-L5L6
Q103 2SA1462-T1Y33Y34
IC101 SI4431DY-T1
Q104 MTD20N03HDL-T4
Q201 2SK711-BL/V-TE85L
Q202 2SC1623-T1-L5L6
Q203 2SA1462-T1Y33Y34
IC201 SI4431DY-T1
Q204 MTD20N03HDL-T4
Q301 2SK711-BL/V-TE85L
Q302 2SC1623-T1-L5L6
Q303 2SA1462-T1Y33Y34
IC301 SI4431DY-T1
Q304 MTD20N03HDL-T4
Q401 2SA1462-T1Y33Y34
Q402 2SC1623-T1-L5L6
Q403 2SA1462-T1Y33Y34
IC401 (1/2) SI4953DY-T1
IC401 (2/2) SI4953DY-T1
D401 RB051L-40TE25
D801 1SS836-T1
D802 1SS836-T1
REG_+6.0V-1 45 CN900 (45/100)
REG_+6.0V-1 46 CN900 (46/100)
REG_+6.0V-1 47 CN900 (47/100)
REG_+6.0V-1 48 CN900 (48/100)
REG_+6.0V-1 49 CN900 (49/100)
REG_+6.0V-1 50 CN900 (50/100)
REG_-6.0V 19 CN900 (19/100)
REG_-6.0V 20 CN900 (20/100)
REG_-6.0V 21 CN900 (21/100)
REG_-6.0V 22 CN900 (22/100)
REG_+6.0V-2 51 CN900 (51/100)
REG_+6.0V-2 52 CN900 (52/100)
REG_+6.0V-2 53 CN900 (53/100)
REG_+6.0V-2 54 CN900 (54/100)
REG_+6.0V-2 55 CN900 (55/100)
REG_+6.0V-2 56 CN900 (56/100)
REG_+6.0V-2 57 CN900 (57/100)
REG_+6.0V-2 58 CN900 (58/100)
REG_+8.0V 67 CN900 (67/100)
REG_+8.0V 68 CN900 (68/100)
REG_+8.0V 69 CN900 (69/100)
REG_+8.0V 70 CN900 (70/100)
REG_+8.0V 71 CN900 (71/100)
REG_+8.0V 72 CN900 (72/100)
REG_+8.0V 73 CN900 (73/100)
REG_+8.0V 74 CN900 (74/100)

4-80



SWITCHING REGULATOR

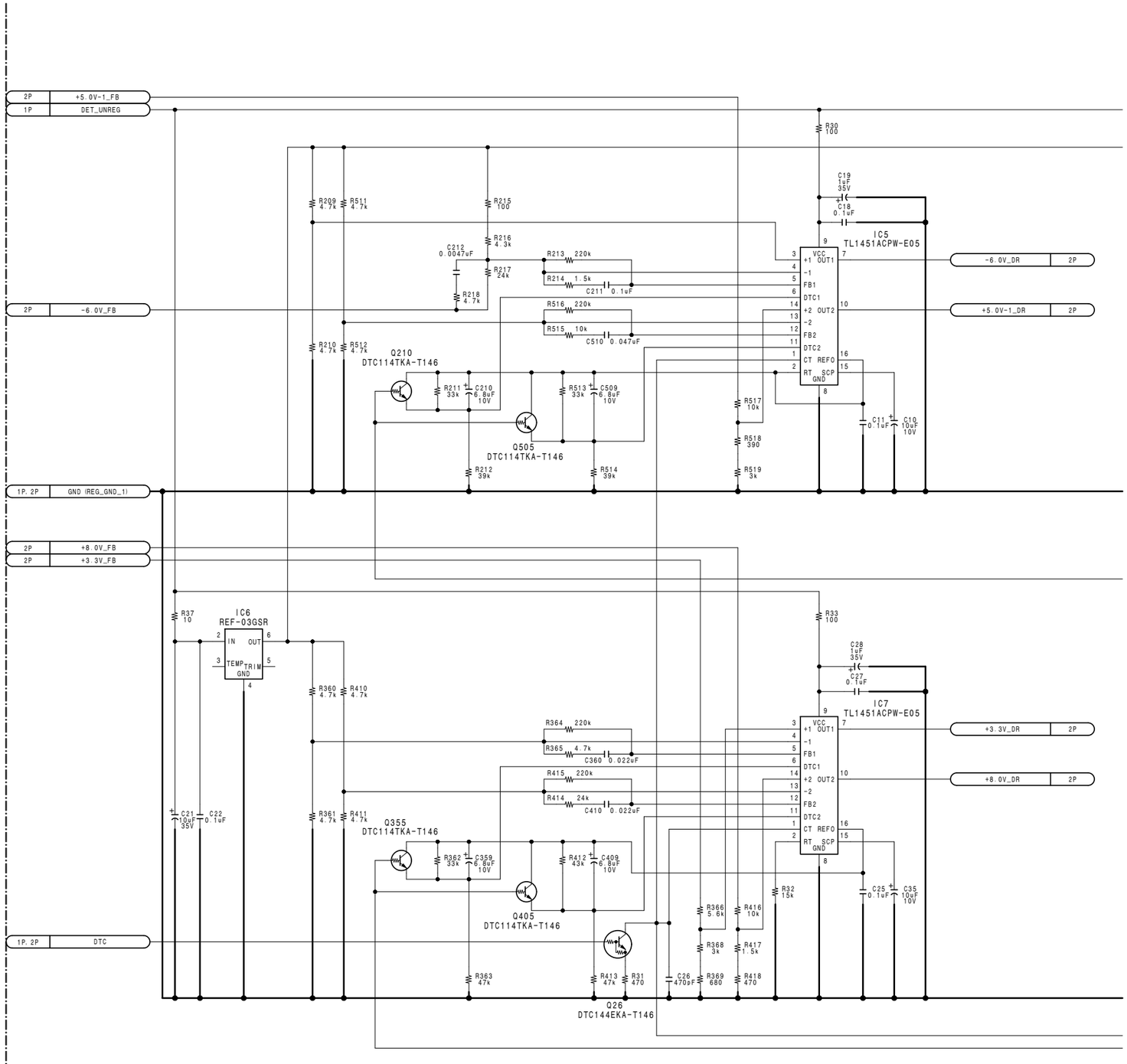
RE-174 (2/3)

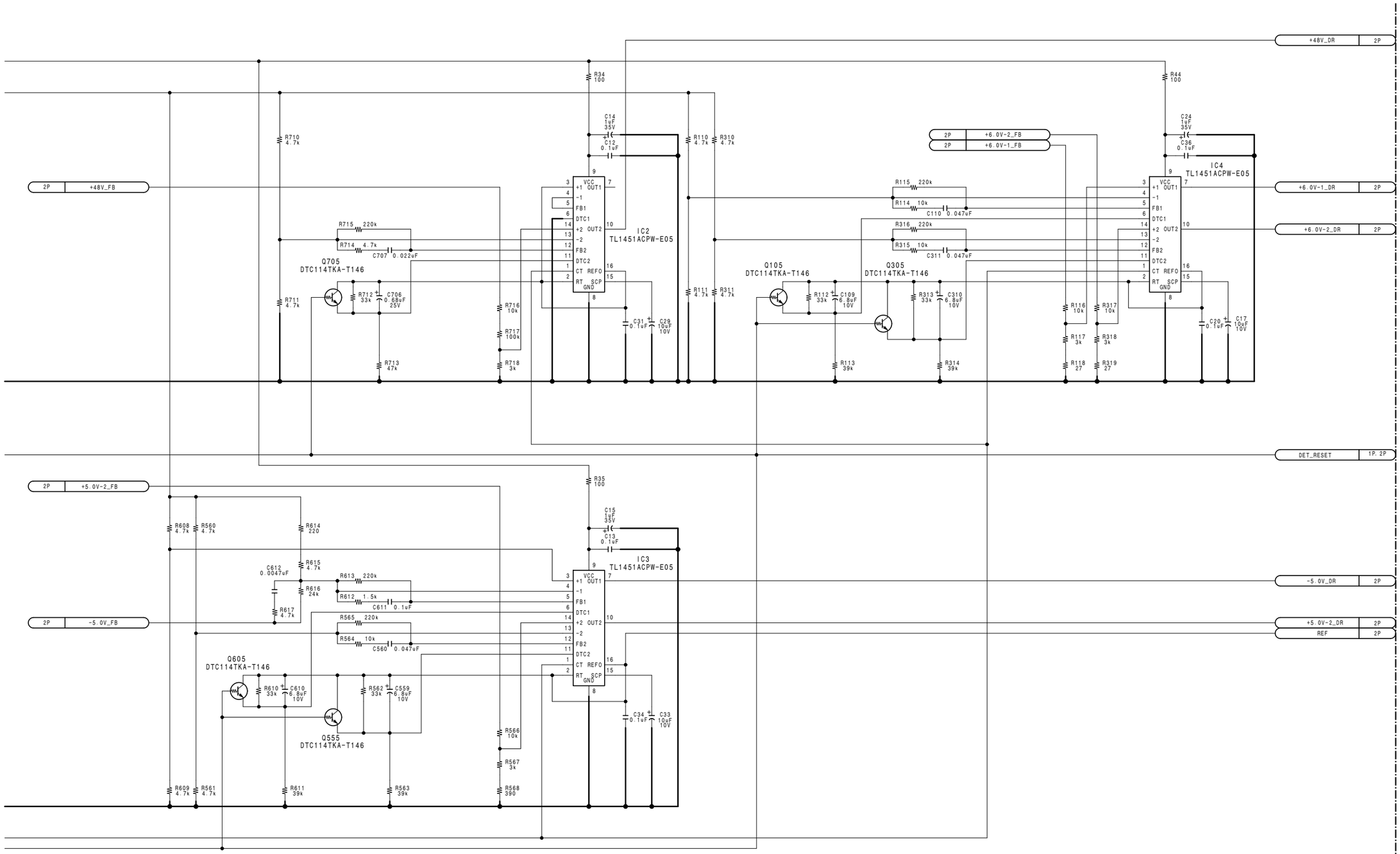
BOARD NO. 1-673-536-11, 12

LOT NO. 812-

BVW-55_RE-174_012

RE-174 (3/3)


2P +5.0V-1_FB
1P DET_UNREG
2P -6.0V_FB
1P, 2P GND (REG_GND_1)
2P +8.0V_FB
2P +3.3V_FB
1P, 2P DTC
R30 100
C19 1uF 35V
C18 0.1uF
IC5 TL1451ACPW-E05
-6.0V_DR 2P
+5.0V-1_DR 2P
R209 4.7k
R511 4.7k
R215 100
R216 4.3k
C212 0.0047uF
R213 220k
R217 24k
R214 1.5k
C211 0.1uF
R218 4.7k
R516 220k
R515 10k
C510 0.047uF
R210 4.7k
R512 4.7k
Q210 DTC114TKA-T146
R211 33k
C210 6.8uF 10V
R513 33k
C509 6.8uF 10V
Q505 DTC114TKA-T146
R212 39k
R514 39k
R517 10k
R518 390
R519 3k
C11 0.1uF
C10 10uF 10V
R37 10
IC6 REF-03GSR
R33 100
C28 1uF 35V
C27 0.1uF
IC7 TL1451ACPW-E05
+3.3V_DR 2P
+8.0V_DR 2P
R360 4.7k
R410 4.7k
R364 220k
R365 4.7k
C360 0.022uF
R415 220k
R414 24k
C410 0.022uF
C21 10uF 35V
C22 0.1uF
R361 4.7k
R411 4.7k
Q355 DTC114TKA-T146
R362 33k
C359 6.8uF 10V
R412 43k
C409 6.8uF 10V
Q405 DTC114TKA-T146
R32 15k
C25 0.1uF
C35 10uF 10V
R366 5.6k
R416 10k
R368 3k
R417 1.5k
R363 47k
R413 47k
R31 470
C26 470pF
R369 680
R418 470
Q26 DTC144EKA-T146

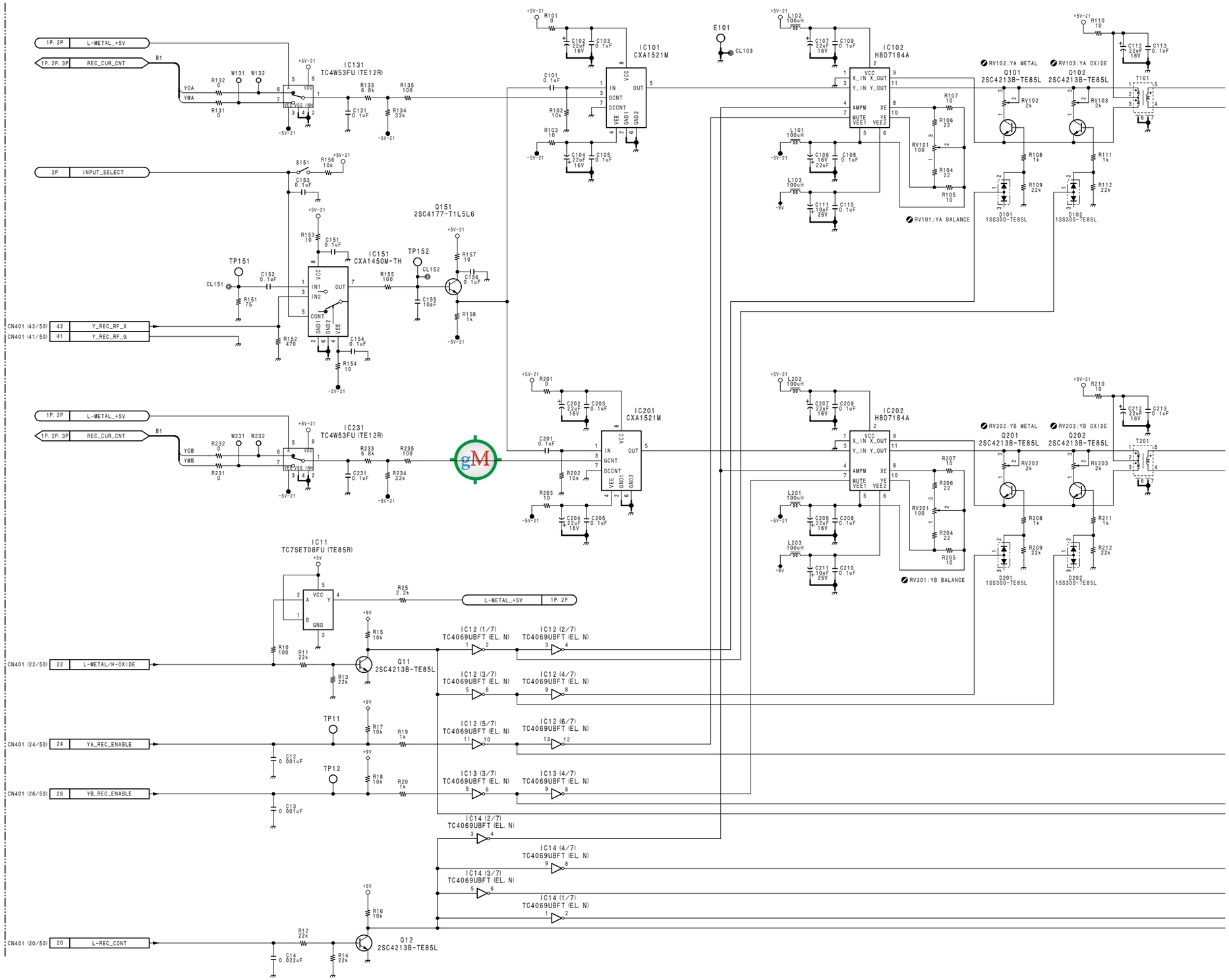


SWITCHING REGULATOR

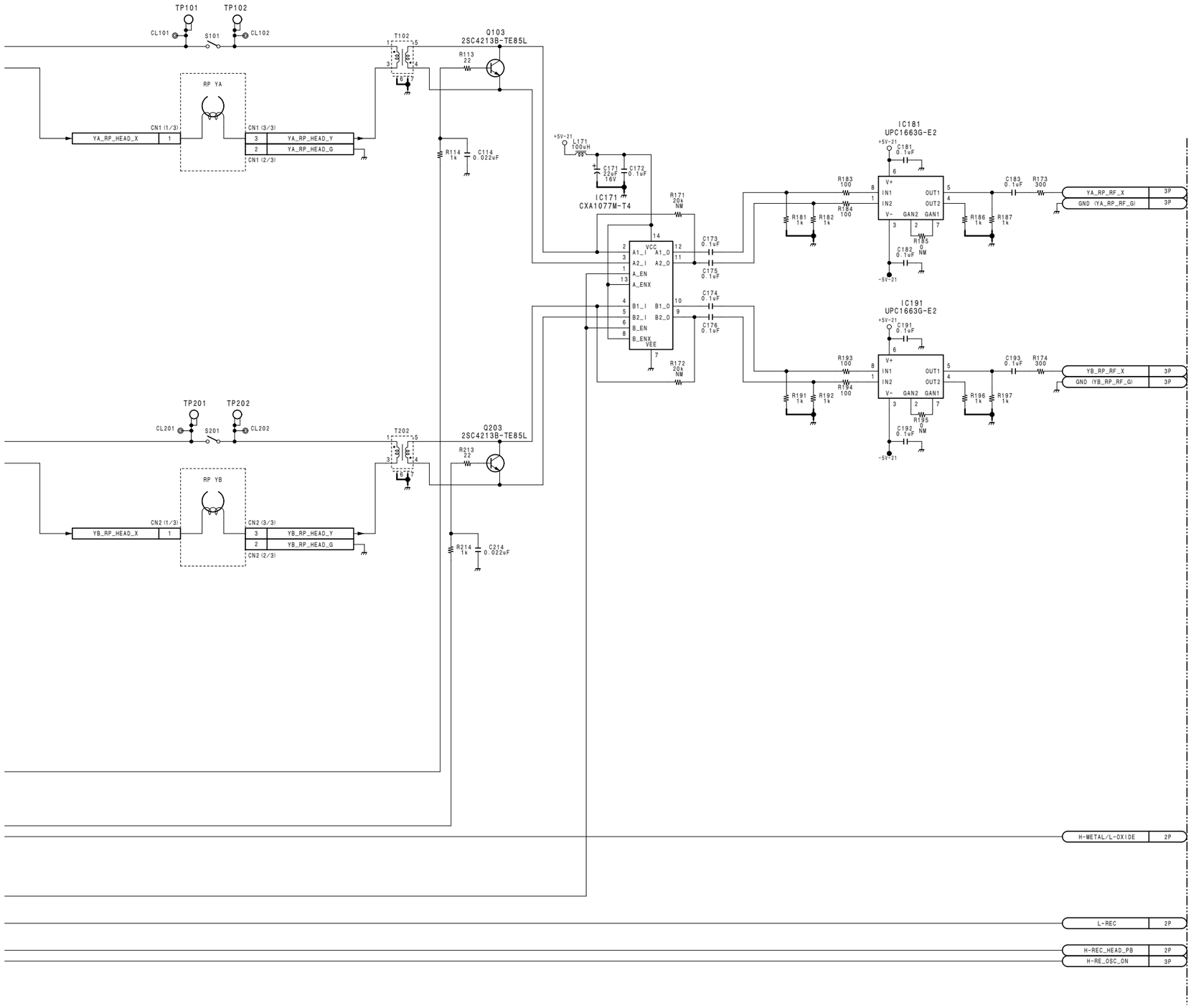
RE-174 (3/3)

BOARD NO. 1-673-536-11, 12
LOT NO. 812-
BVW-55_RE-174_012

RP-107 (1/3)


1P. 2P
L-METAL_+5V
1P. 2P. 3P
REC_CUR_CNT
B1
YOA
YMA
YOB
YMB
R132 0
R131 0
R232 0
R231 0
W131
W132
W231
W232
IC131
TC4W53FU (TE12R)
IC231
TC4W53FU (TE12R)
VDD
VEE
VSS
INH
+5V-21
-5V-21
R133 6.8k
R135 100
R233 6.8k
R235 100
C131 0.1uF
C231 0.1uF
R134 33k
R234 33k
2P
INPUT_SELECT
S151
R156 10k
C153 0.1uF
Q151
2SC4177-T1L5L6
R153 10
C151 0.1uF
IC151
CXA1450M-TH
TP151
TP152
CL151
CL152
C152 0.1uF
R151 75
R155 100
C155 10pF
R157 10
C156 0.1uF
R158 1k
R152 470
C154 0.1uF
R154 10
CN401 (42/50)
42
Y_REC_RF_X
CN401 (41/50)
41
Y_REC_RF_G
IC101
CXA1521M
R101 0
C102 22uF 16V
C103 0.1uF
C101 0.1uF
R102 10k
R103 10
C104 22uF 16V
C105 0.1uF
IC201
CXA1521M
R201 0
C202 22uF 16V
C203 0.1uF
C201 0.1uF
R202 10k
R203 10
C204 22uF 16V
C205 0.1uF
E101
CL103
IC102
H8D7184A
IC202
H8D7184A
L102 100uH
L101 100uH
L103 100uH
C107 22uF 16V
C109 0.1uF
C106 16V 22uF
C108 0.1uF
C111 10uF 25V
C110 0.1uF
L202 100uH
L201 100uH
L203 100uH
C207 22uF 16V
C209 0.1uF
C206 22uF 16V
C208 0.1uF
C211 10uF 25V
C210 0.1uF
VCC
X_IN
Y_IN
AMPM
MUTE
VEE1
X_OUT
Y_OUT
XE
YE
VEE2
R107 10
R106 22
RV101 100
R104 22
R105 10
R207 10
R206 22
RV201 100
R204 22
R205 10
RV101:YA BALANCE
RV201:YB BALANCE
RV102:YA METAL
RV103:YA OXIDE
RV202:YB METAL
RV203:YB OXIDE
Q101
2SC4213B-TE85L
Q102
2SC4213B-TE85L
Q201
2SC4213B-TE85L
Q202
2SC4213B-TE85L
RV102 2k
RV103 2k
RV202 2k
RV203 2k
R108 1k
R109 22k
R111 1k
R112 22k
R208 1k
R209 22k
R211 1k
R212 22k
D101
1SS300-TE85L
D102
1SS300-TE85L
D201
1SS300-TE85L
D202
1SS300-TE85L
R110 10
C112 22uF 16V
C113 0.1uF
T101
R210 10
C212 22uF 16V
C213 0.1uF
T201
IC11
TC7SET08FU (TE85R)
VCC
GND
R25 2.2k
L-METAL_+5V
1P. 2P
R10 100
R11 22k
R13 22k
Q11
2SC4213B-TE85L
R15 10k
CN401 (22/50)
22
L-METAL/H-OXIDE
R12 22k
R14 22k
Q12
2SC4213B-TE85L
R16 10k
CN401 (20/50)
20
L-REC_CONT
TP11
TP12
R17 10k
R18 10k
R19 1k
R20 1k
C12 0.001uF
C13 0.001uF
CN401 (24/50)
24
YA_REC_ENABLE
CN401 (26/50)
26
YB_REC_ENABLE
C14 0.022uF
IC12 (1/7)
TC4069UBFT (EL, N)
IC12 (2/7)
TC4069UBFT (EL, N)
IC12 (3/7)
TC4069UBFT (EL, N)
IC12 (4/7)
TC4069UBFT (EL, N)
IC12 (5/7)
TC4069UBFT (EL, N)
IC12 (6/7)
TC4069UBFT (EL, N)
IC13 (3/7)
TC4069UBFT (EL, N)
IC13 (4/7)
TC4069UBFT (EL, N)
IC14 (2/7)
TC4069UBFT (EL, N)
IC14 (4/7)
TC4069UBFT (EL, N)
IC14 (3/7)
TC4069UBFT (EL, N)
IC14 (1/7)
TC4069UBFT (EL, N)

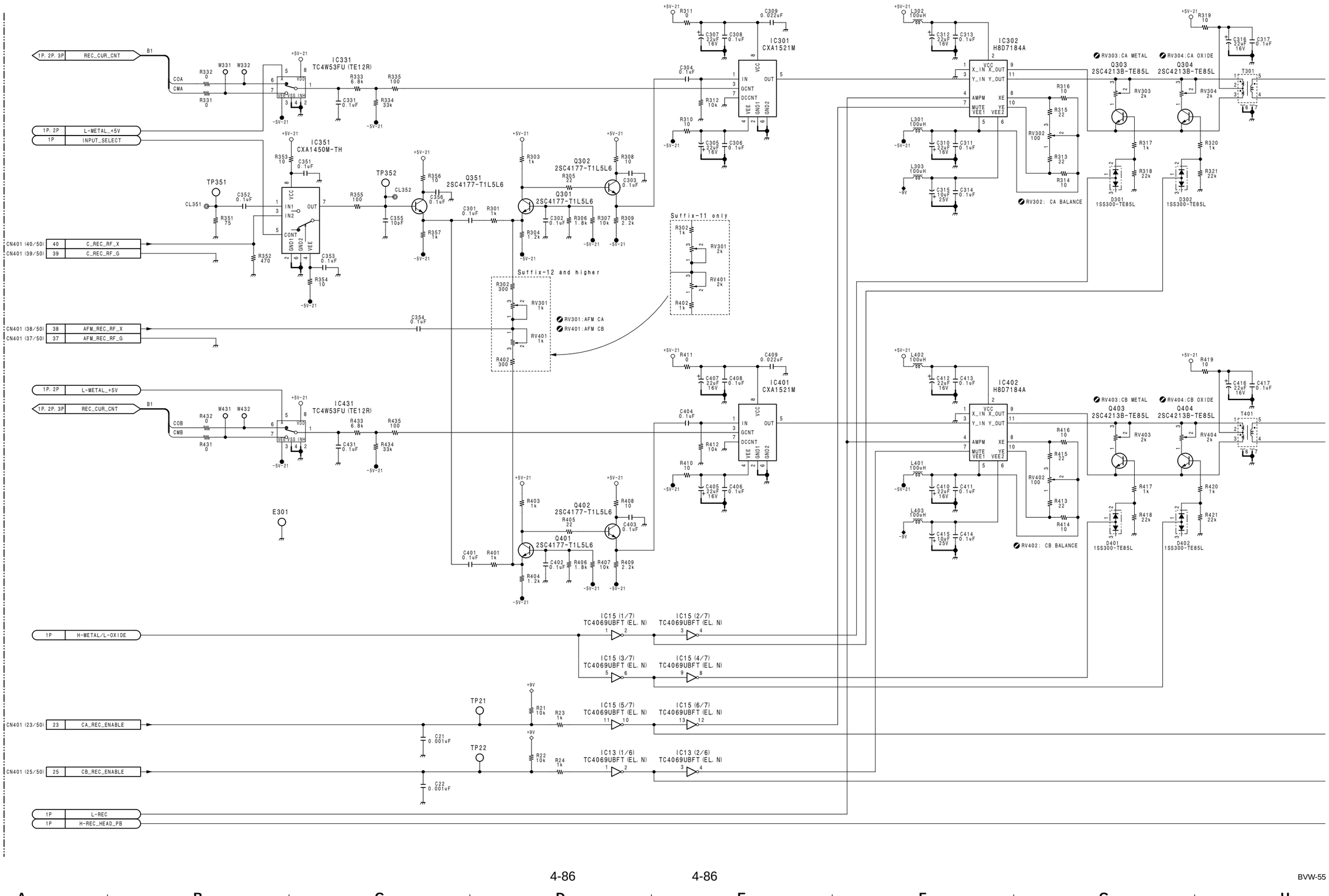
4-84

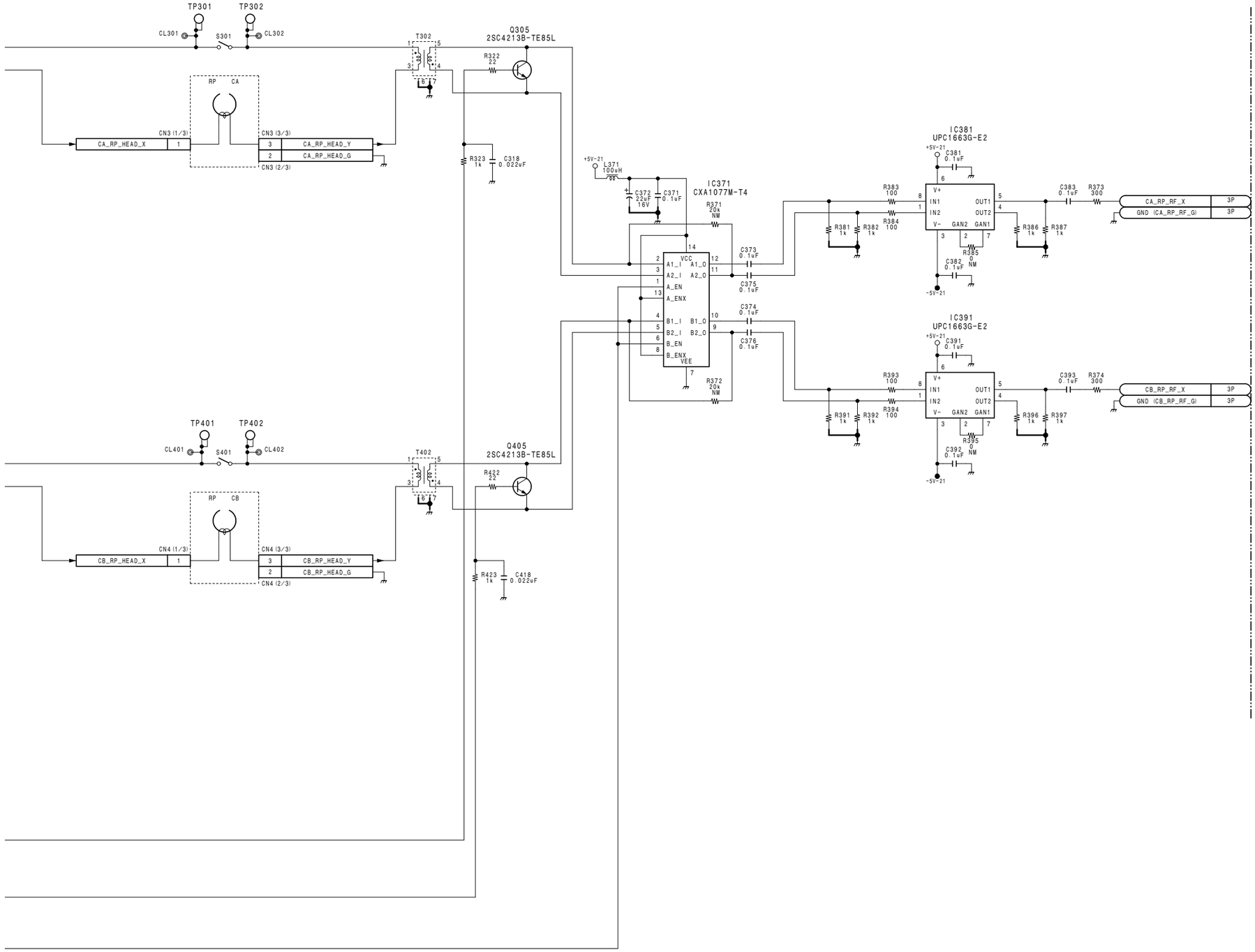


RF REC/PB HEAD AMPLIFIER

RP-107 (1/3)

BOARD NO. 1-673-530-11, 12
LOT NO. 812-
BVW-55_RP-107_002


1P, 2P, 3P REC_CUR_CNT
B1
COA
CMA
W331 W332
W431 W432
IC331 TC4W53FU (TE12R)
IC431 TC4W53FU (TE12R)
1P, 2P L-METAL_+5V
1P INPUT_SELECT
IC351 CXA1450M-TH
TP351
TP352
CL351
CL352
Q351 2SC4177-T1L5L6
Q301 2SC4177-T1L5L6
Q302 2SC4177-T1L5L6
Q401 2SC4177-T1L5L6
Q402 2SC4177-T1L5L6
IC301 CXA1521M
IC401 CXA1521M
CN401 (40/50) 40 C_REC_RF_X
CN401 (39/50) 39 C_REC_RF_G
CN401 (38/50) 38 AFM_REC_RF_X
CN401 (37/50) 37 AFM_REC_RF_G
Suffix-11 only
Suffix-12 and higher
RV301:AFM CA
RV401:AFM CB
E301
IC302 H8D7184A
IC402 H8D7184A
RV303:CA METAL
RV304:CA OXIDE
RV303:CB METAL
RV304:CB OXIDE
Q303 2SC4213B-TE85L
Q304 2SC4213B-TE85L
Q403 2SC4213B-TE85L
Q404 2SC4213B-TE85L
RV302: CA BALANCE
RV402: CB BALANCE
D301 1SS300-TE85L
D302 1SS300-TE85L
D401 1SS300-TE85L
D402 1SS300-TE85L
T301
T401
IC15 (1/7) TC4069UBFT (EL. N)
IC15 (2/7) TC4069UBFT (EL. N)
IC15 (3/7) TC4069UBFT (EL. N)
IC15 (4/7) TC4069UBFT (EL. N)
IC15 (5/7) TC4069UBFT (EL. N)
IC15 (6/7) TC4069UBFT (EL. N)
IC13 (1/6) TC4069UBFT (EL. N)
IC13 (2/6) TC4069UBFT (EL. N)
1P H-METAL/L-OXIDE
CN401 (23/50) 23 CA_REC_ENABLE
CN401 (25/50) 25 CB_REC_ENABLE
1P L-REC
1P H-REC_HEAD_PB

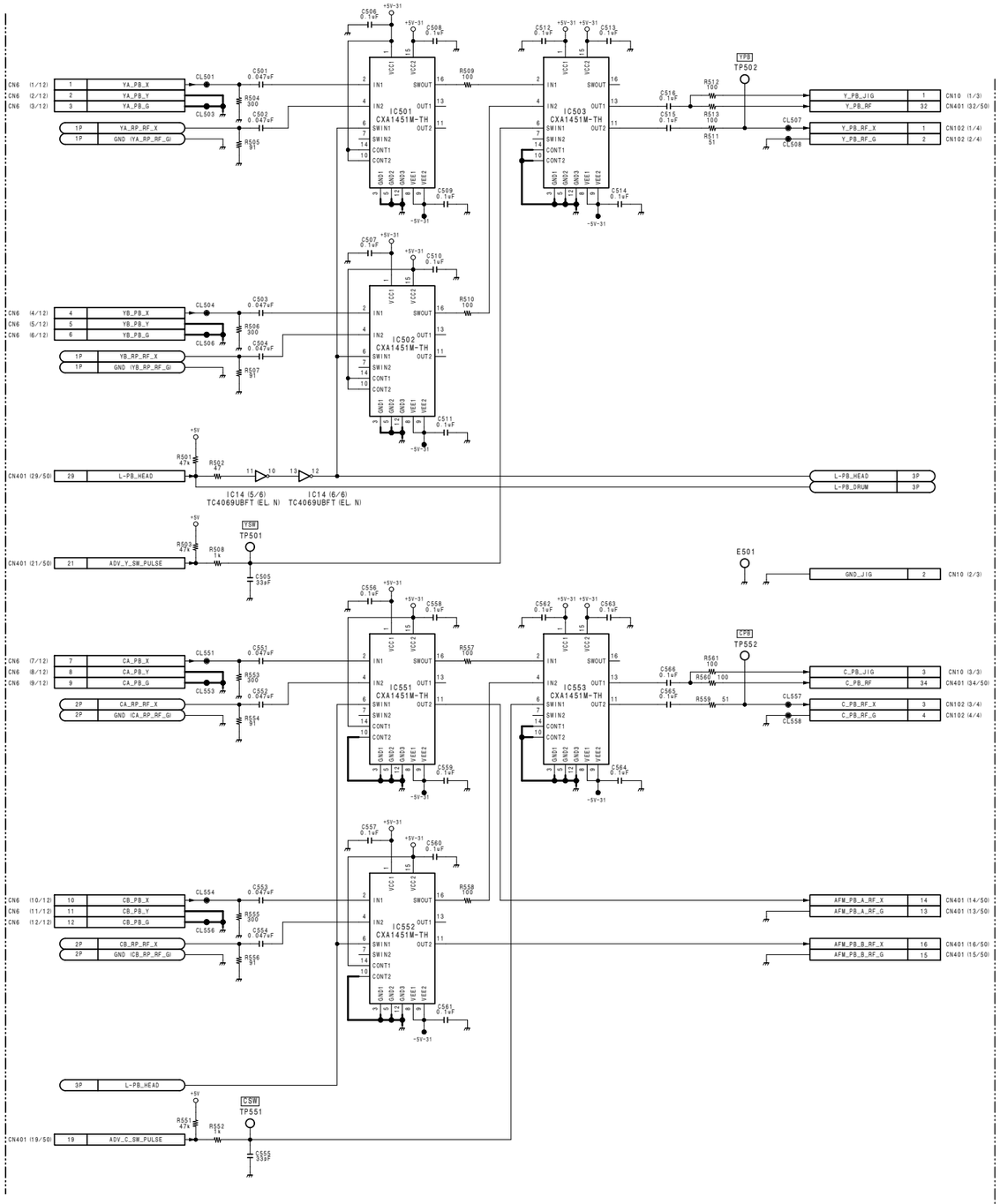


RF REC/PB HEAD AMPLIFIER

RP-107 (2/3)

BOARD NO. 1-673-530-11, 12
LOT NO. 812-
BVW-55_RP-107_002

RP-107 (3/3)


IC501 CXA1451M-TH
IC502 CXA1451M-TH
IC503 CXA1451M-TH
IC551 CXA1451M-TH
IC552 CXA1451M-TH
IC553 CXA1451M-TH
IC14 (5/6) TC4069UBFT (EL, N)
IC14 (6/6) TC4069UBFT (EL, N)
YPB TP502
CPB TP552
YSW TP501
CSW TP551
E501
YA_PB_X
YA_PB_Y
YA_PB_G
YA_RP_RF_X
GND (YA_RP_RF_G)
YB_PB_X
YB_PB_Y
YB_PB_G
YB_RP_RF_X
GND (YB_RP_RF_G)
CA_PB_X
CA_PB_Y
CA_PB_G
CA_RP_RF_X
GND (CA_RP_RF_G)
CB_PB_X
CB_PB_Y
CB_PB_G
CB_RP_RF_X
GND (CB_RP_RF_G)
L-PB_HEAD
ADV_Y_SW_PULSE
ADV_C_SW_PULSE
Y_PB_J1G
Y_PB_RF
Y_PB_RF_X
Y_PB_RF_G
C_PB_J1G
C_PB_RF
C_PB_RF_X
C_PB_RF_G
AFM_PB_A_RF_X
AFM_PB_A_RF_G
AFM_PB_B_RF_X
AFM_PB_B_RF_G
L-PB_HEAD
L-PB_DRUM
GND_J1G
CN6 (1/12)
CN6 (2/12)
CN6 (3/12)
CN6 (4/12)
CN6 (5/12)
CN6 (6/12)
CN6 (7/12)
CN6 (8/12)
CN6 (9/12)
CN6 (10/12)
CN6 (11/12)
CN6 (12/12)
CN401 (29/50)
CN401 (21/50)
CN401 (19/50)
CN10 (1/3)
CN401 (32/50)
CN102 (1/4)
CN102 (2/4)
CN10 (2/3)
CN10 (3/3)
CN401 (34/50)
CN102 (3/4)
CN102 (4/4)
CN401 (14/50)
CN401 (13/50)
CN401 (16/50)
CN401 (15/50)
CN401 (29/50)
CN10 (2/3)

4-88

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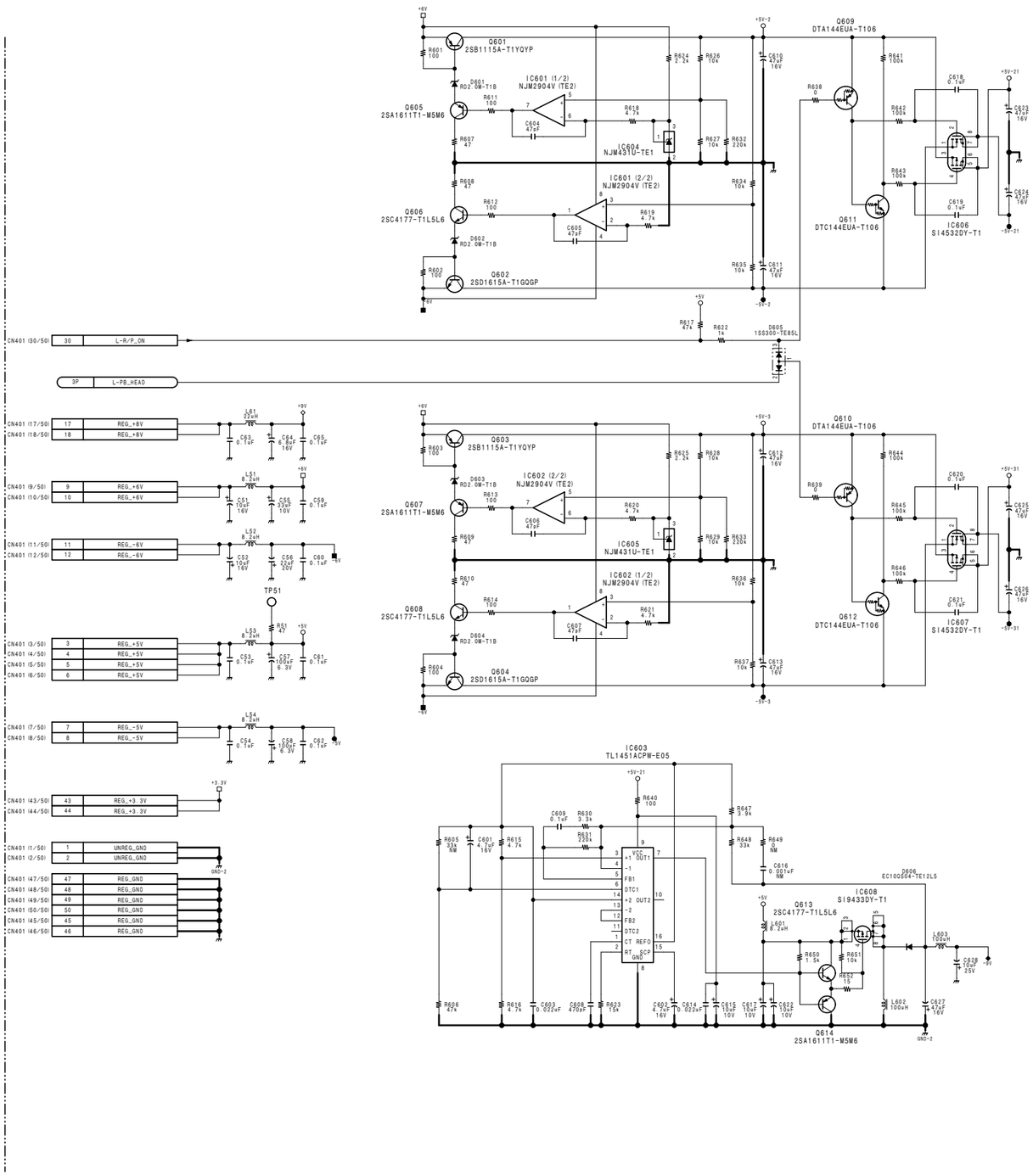
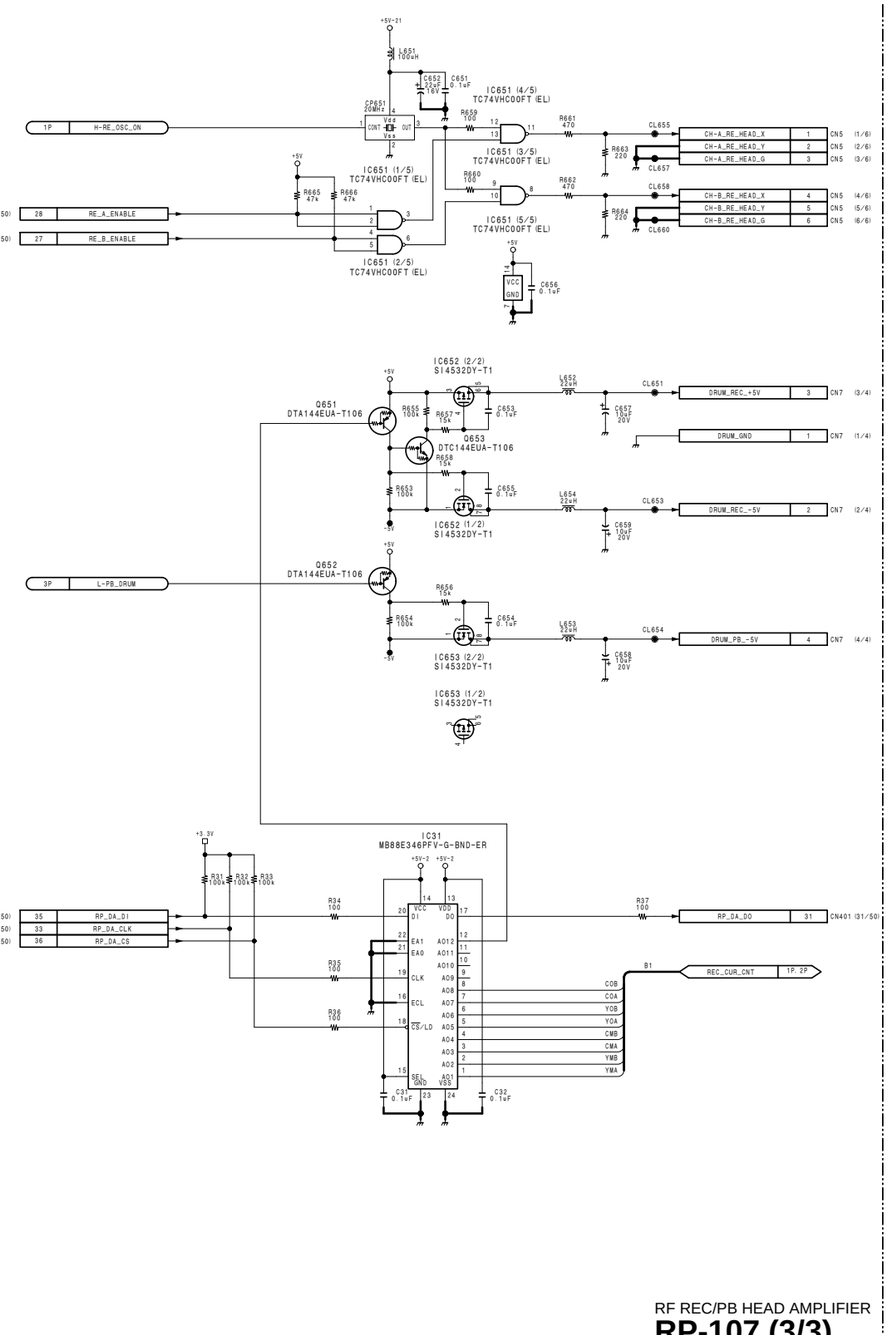
RP-107 (3/3)



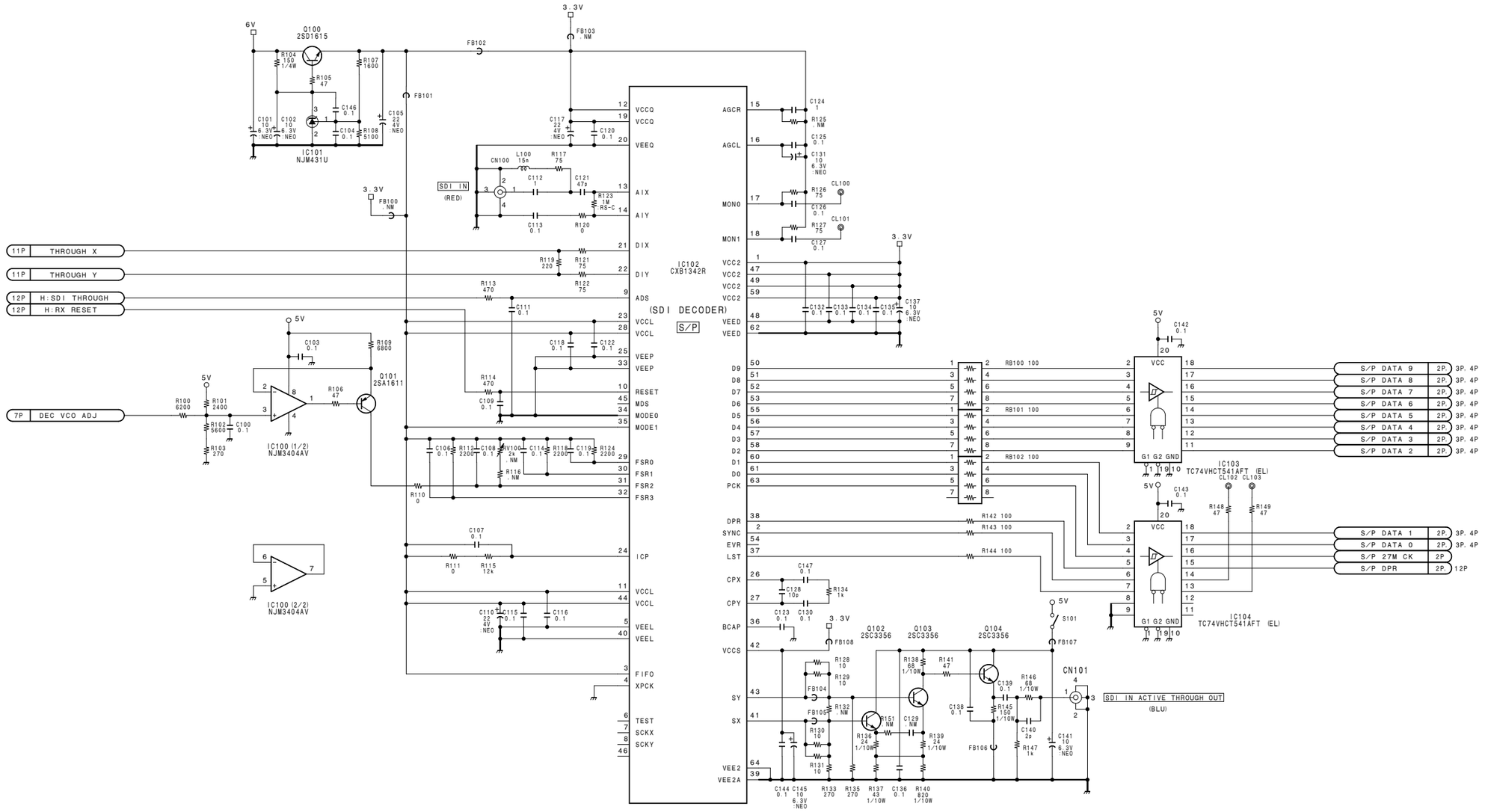


RF REC/PB HEAD AMPLIFIER

RP-107 (3/3)

BOARD NO. 1-673-530-11, 12
LOT NO. 812-

BVW-55_RP-107_002

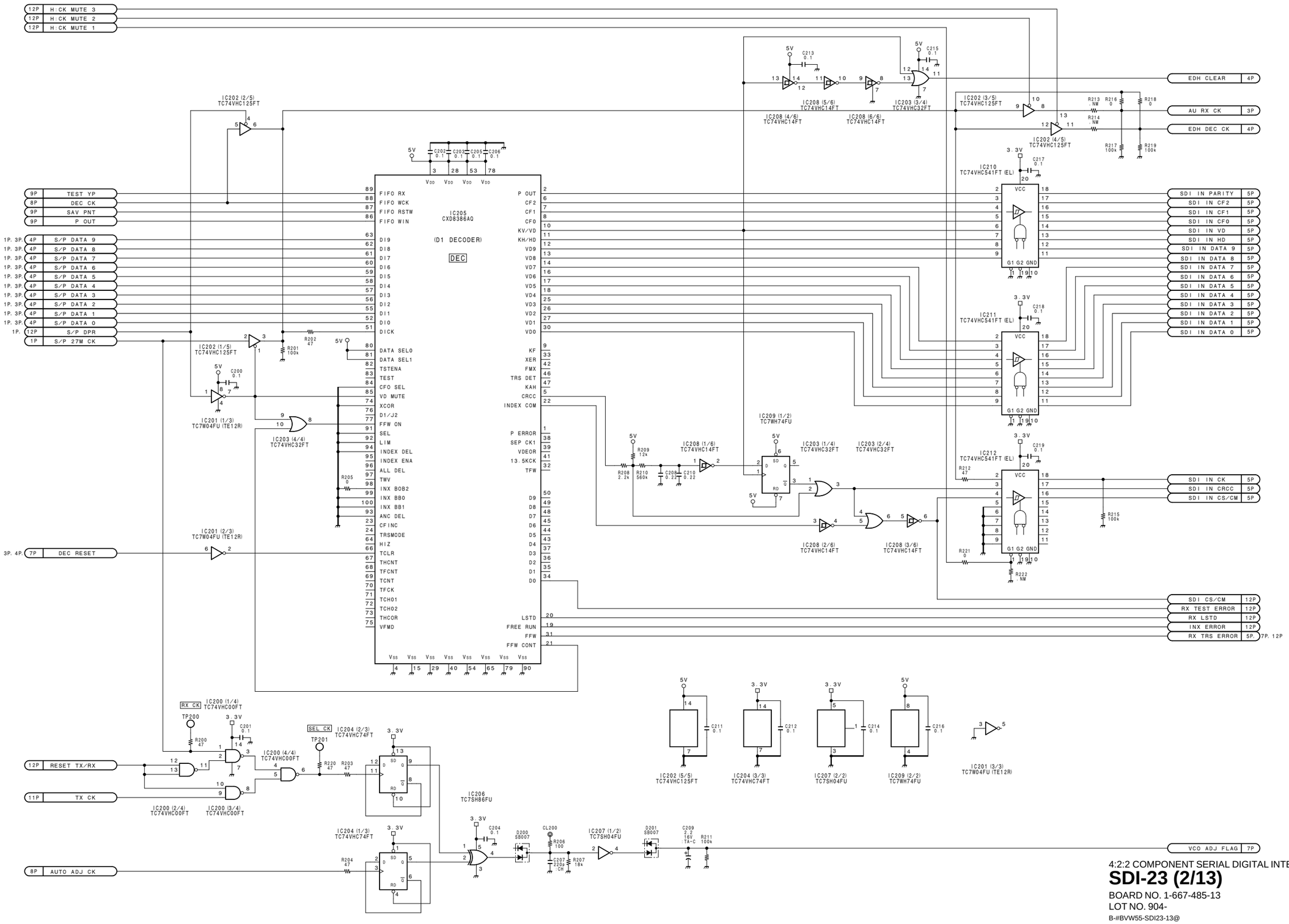


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (1/13)

BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@

SDI-23 (2/13)

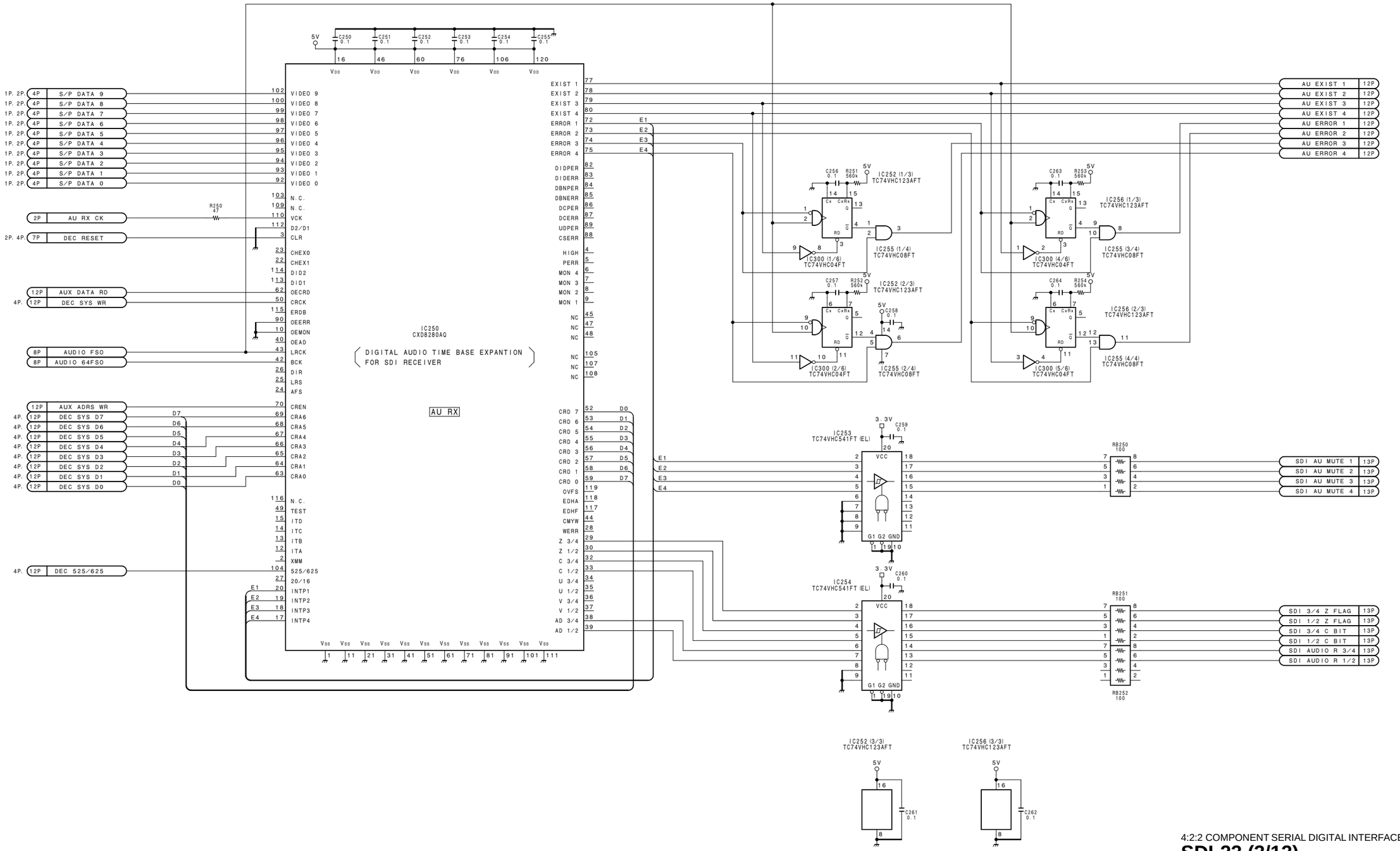


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (2/13)

BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@

SDI-23 (3/13)

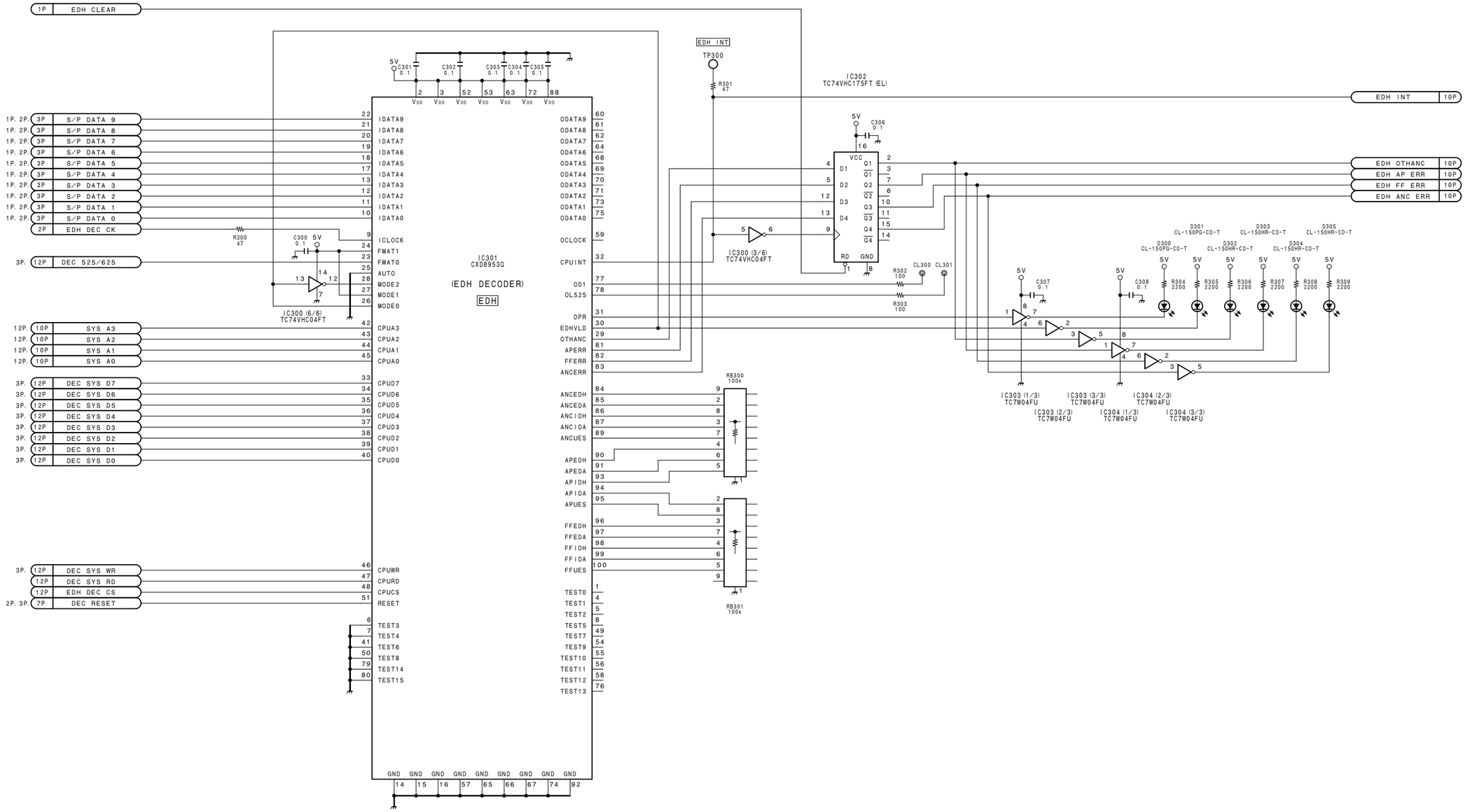


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (3/13)

BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@

SDI-23 (4/13)



BVW-55

4-93 (b)

4-93 (b)

4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

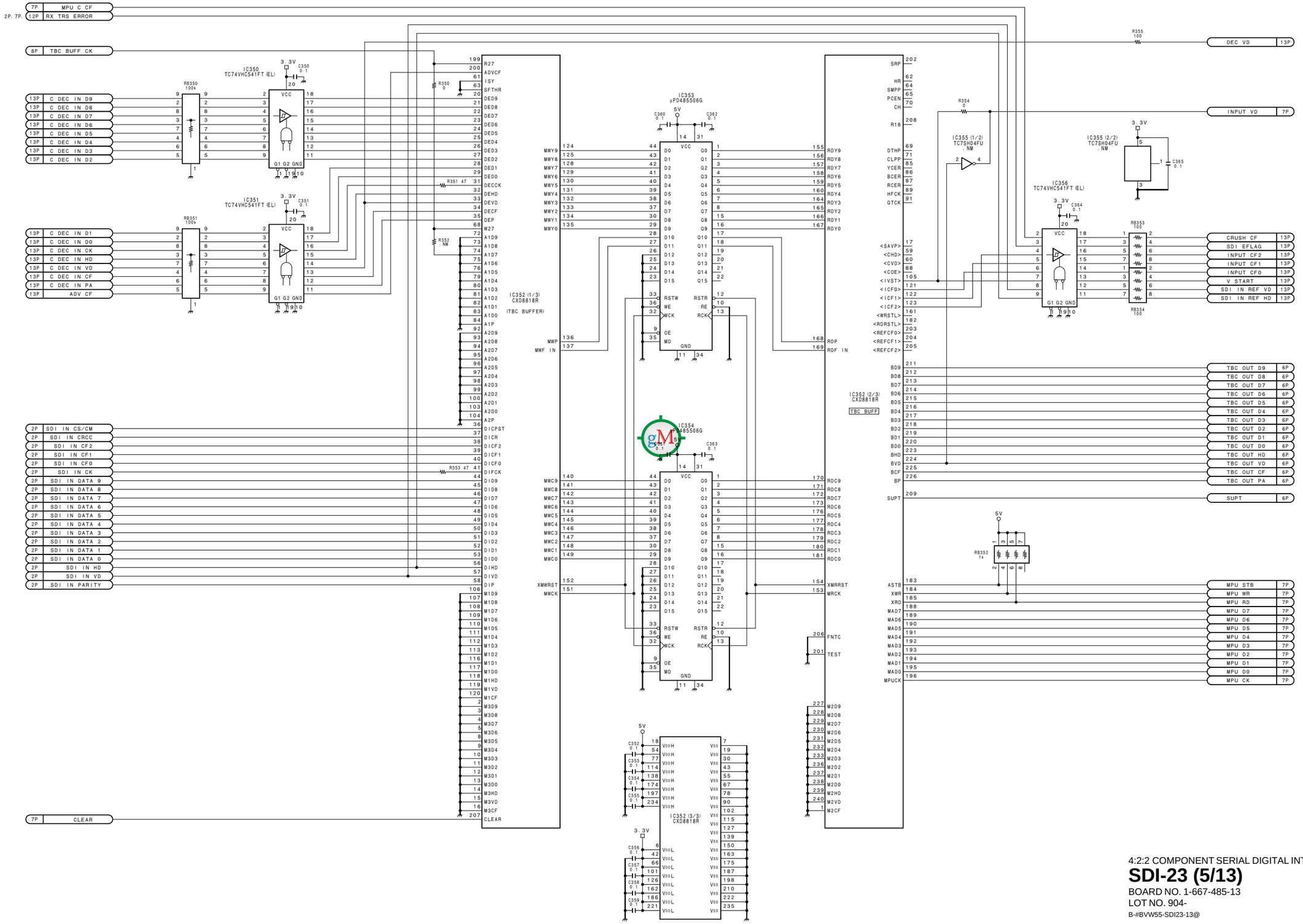
SDI-23 (4/13)

BOARD NO. 1-667-485-13

LOT NO. 904-

B-#BVW55-SDI23-13@

SDI-23 (5/13)



4-94 (b)

4-94 (b)

4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

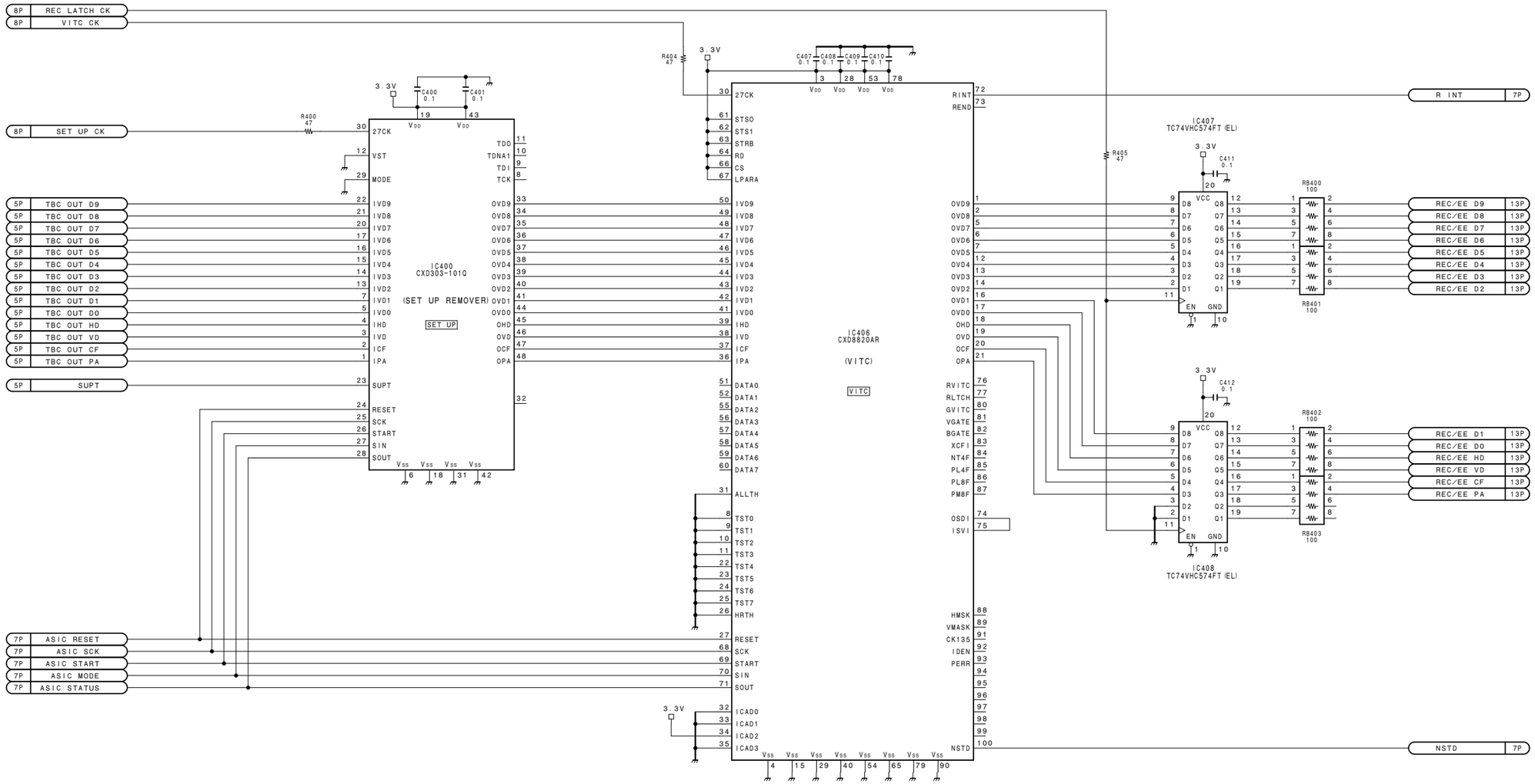
SDI-23 (5/13)

BOARD NO. 1-667-485-13

LOT NO. 904-

B-#BVW55-SDI23-13@

SDI-23 (6/13)

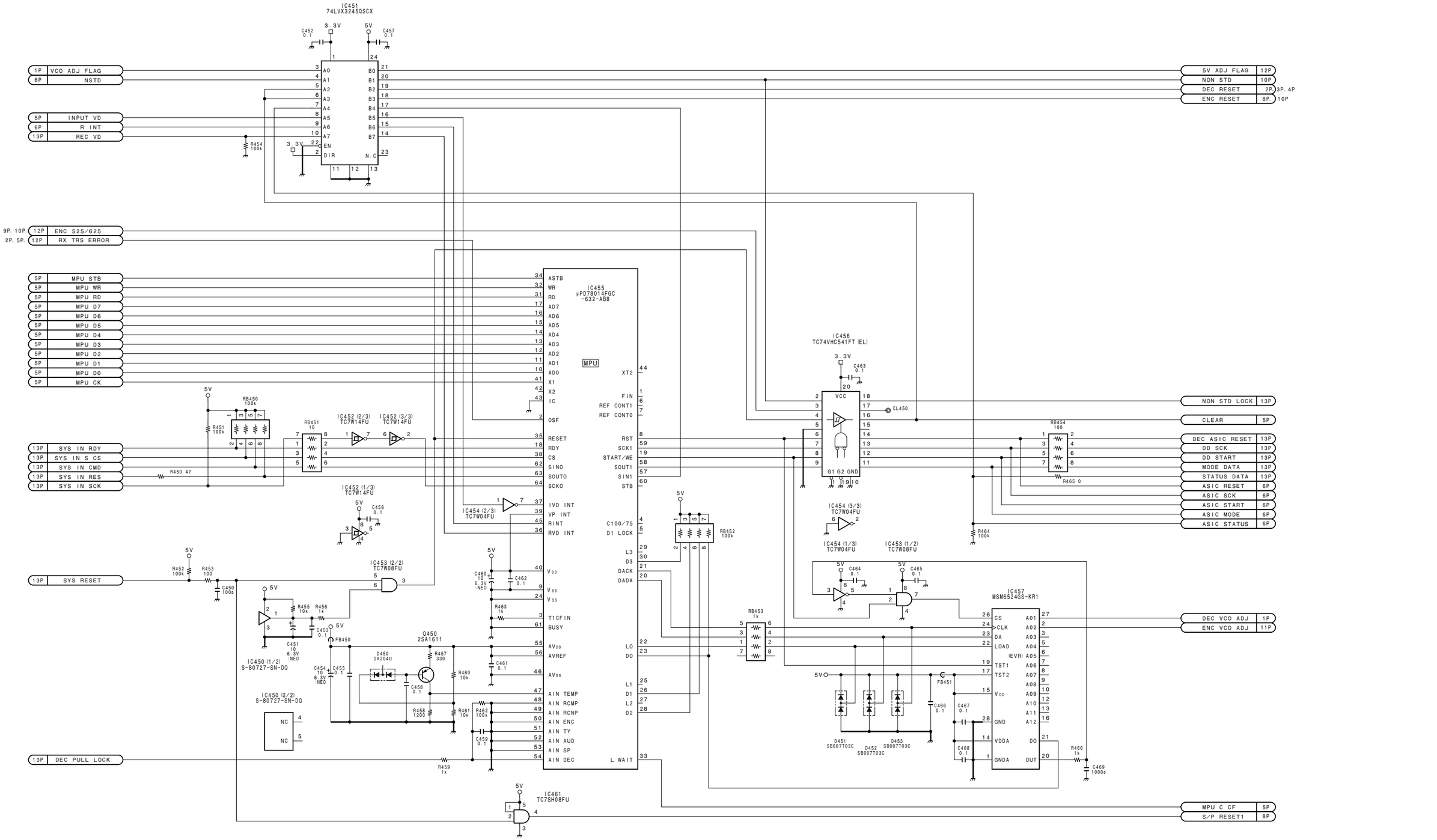


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (6/13)

BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@

SDI-23 (7/13)



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

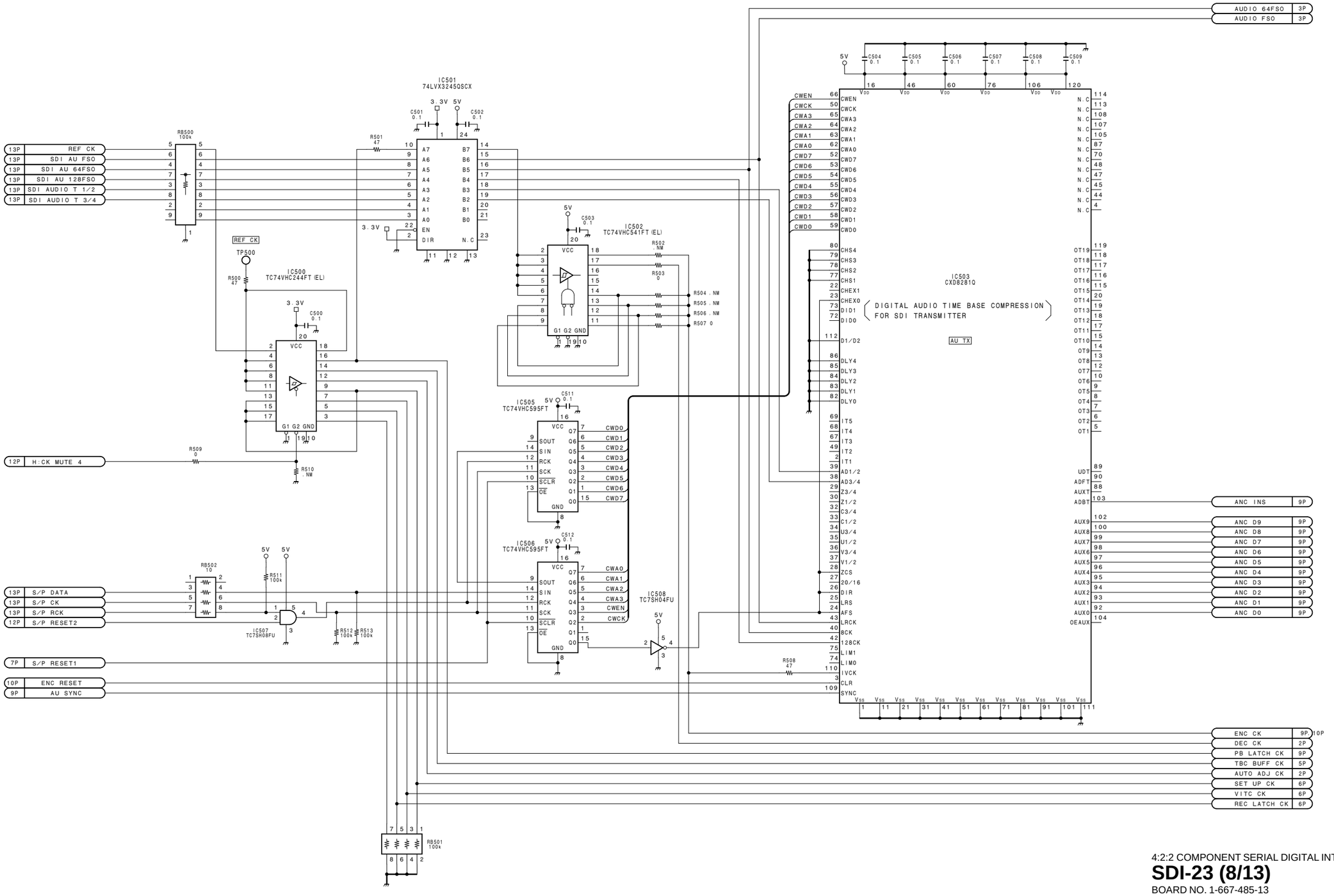
SDI-23 (7/13)

BOARD NO. 1-667-485-13

LOT NO. 904-

B-#BVW55-SDI23-13@

SDI-23 (8/13)

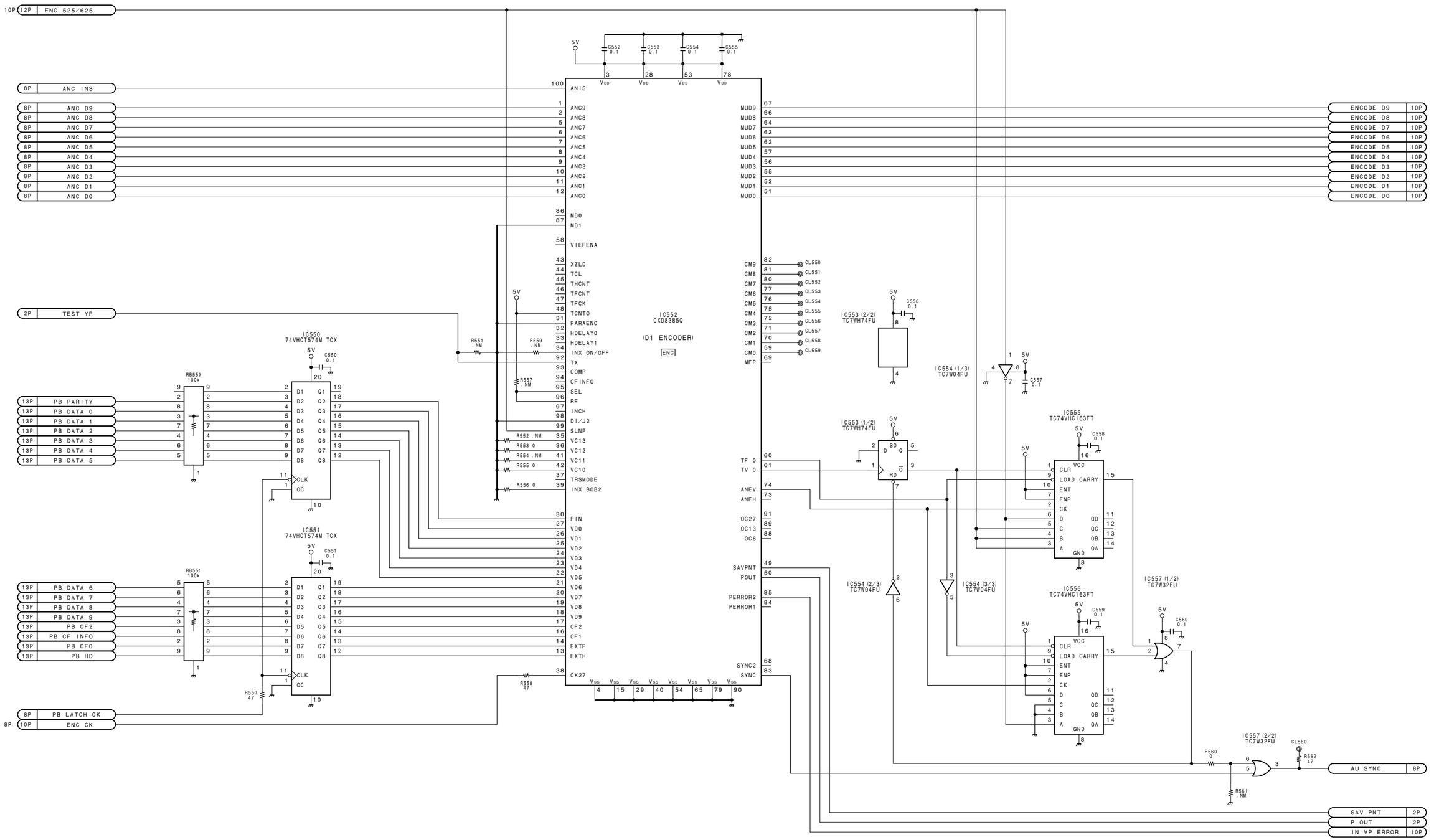


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (8/13)

BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@

SDI-23 (9/13)



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (9/13)

BOARD NO. 1-667-485-13

LOT NO. 904-

B-#BVW55-SDI23-13@

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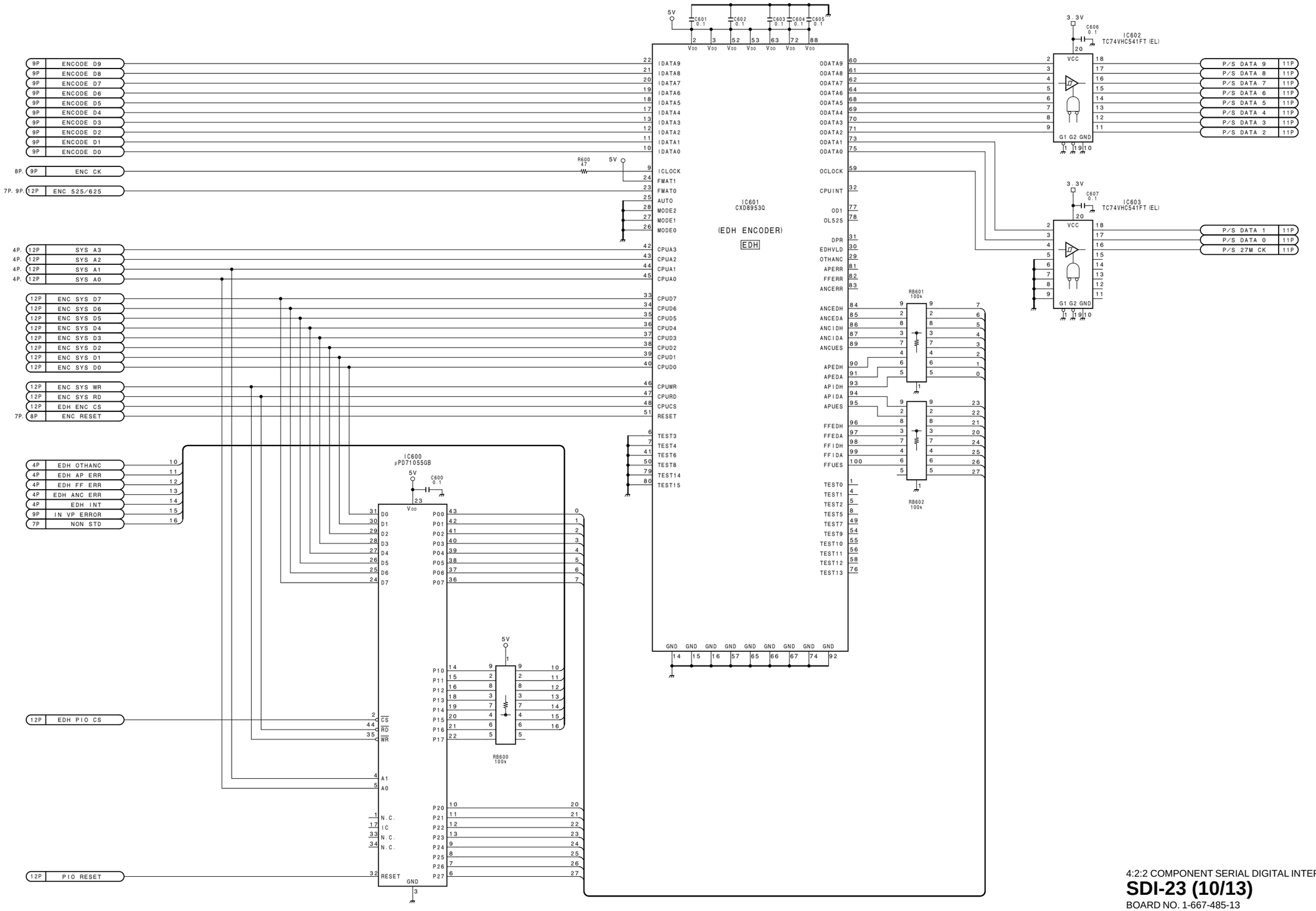
 SDI-23 (10/13)

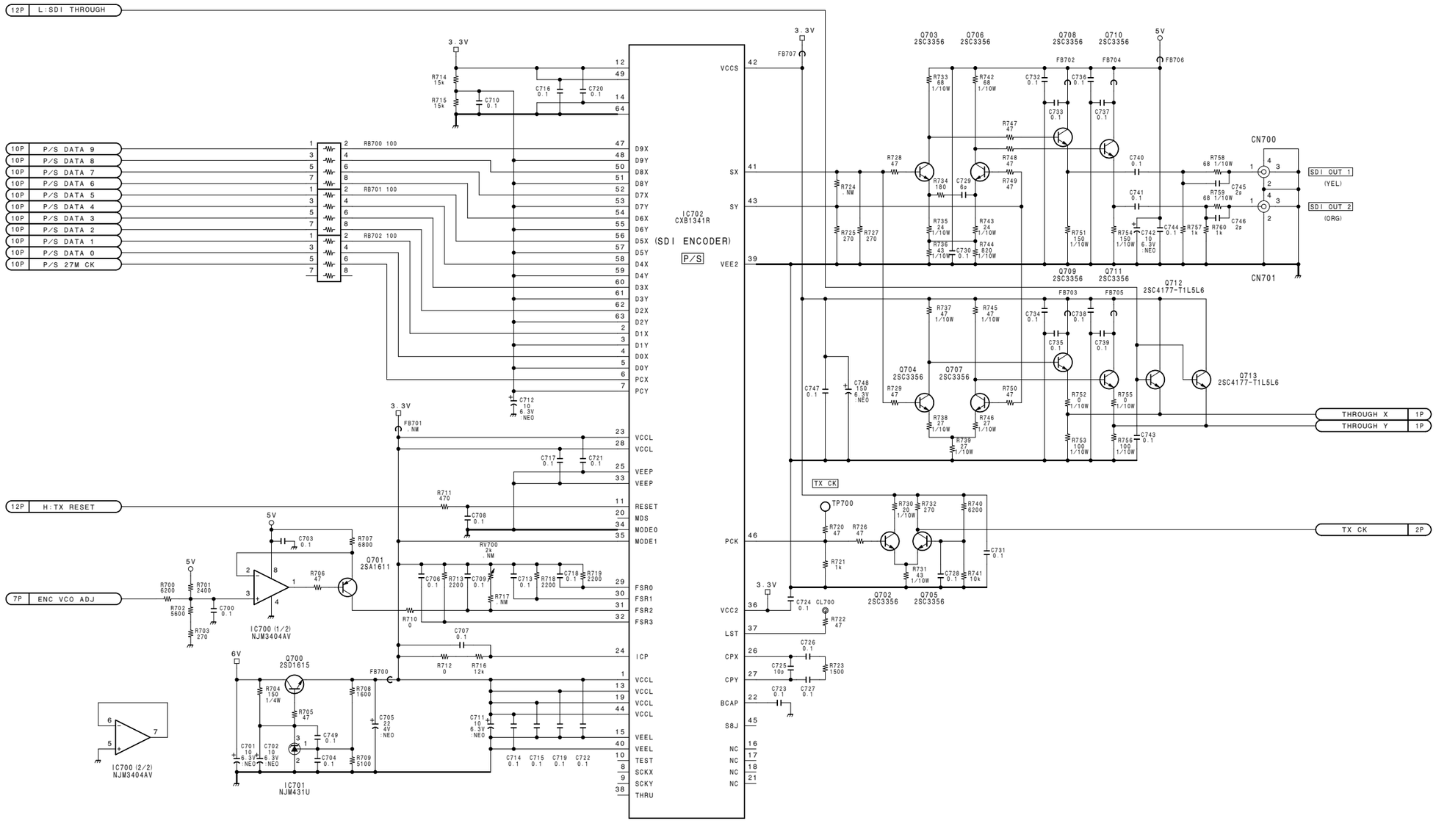


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (10/13)

BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@

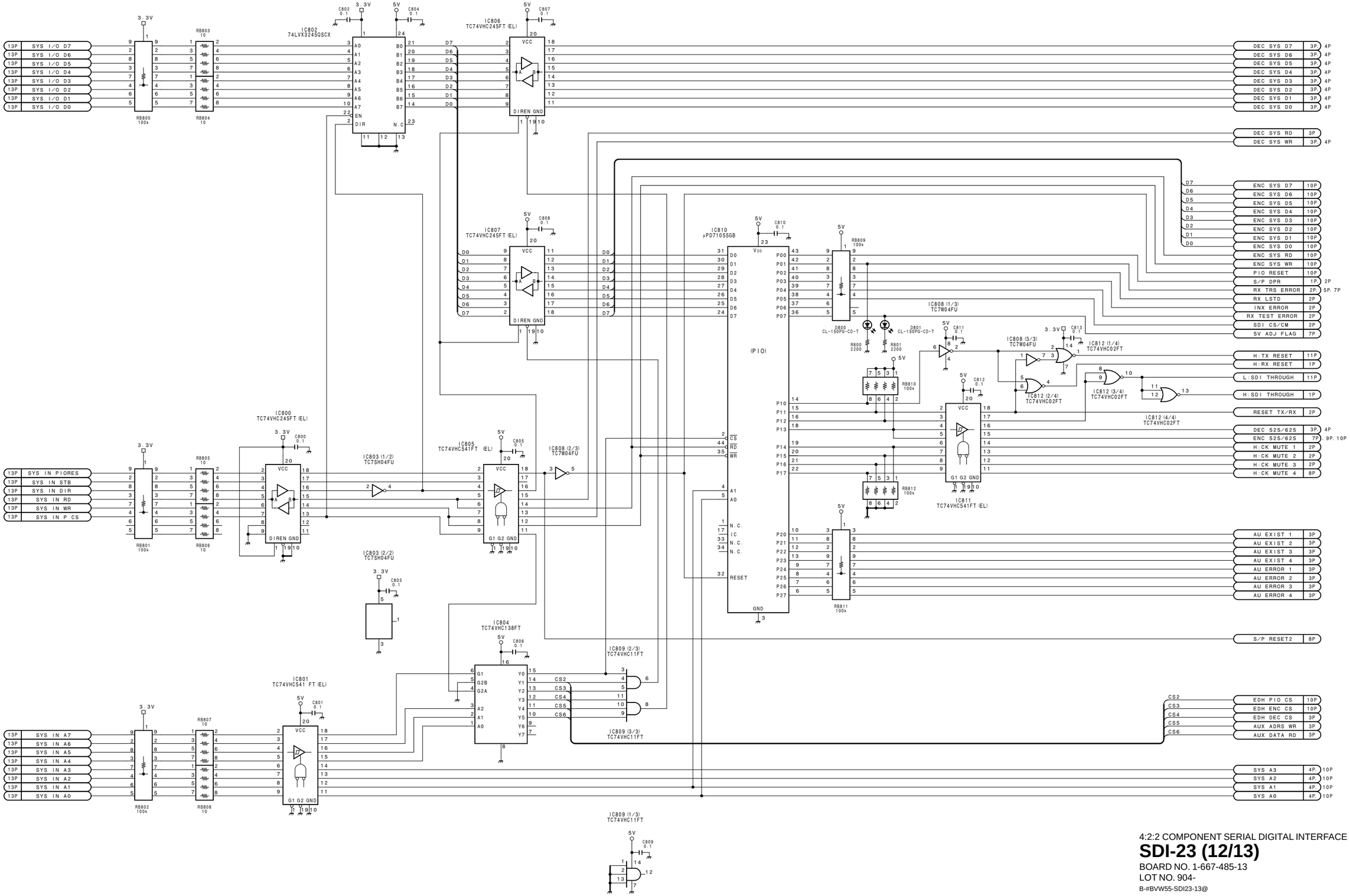
SDI-23 (11/13)



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (11/13)

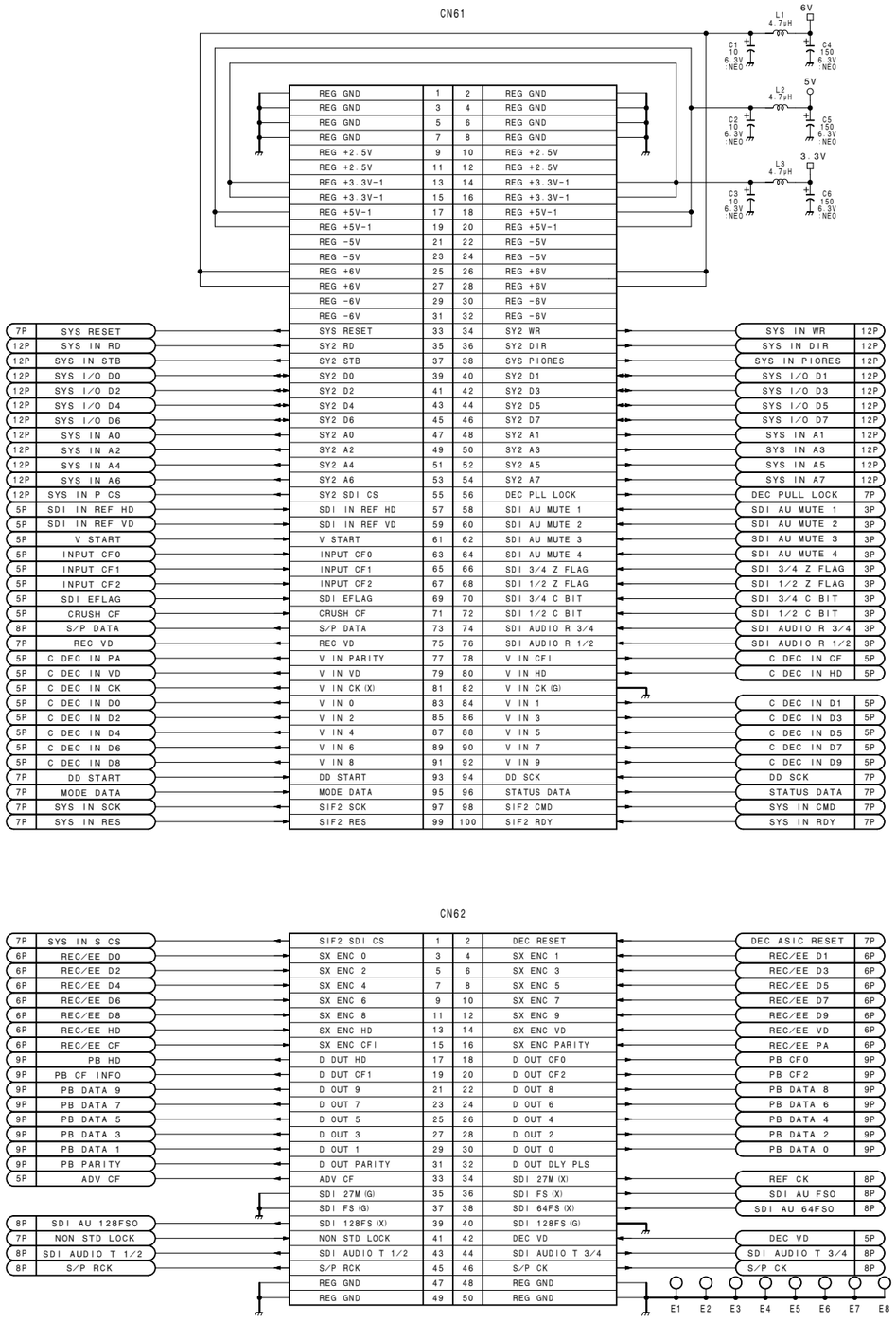
BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (12/13)

BOARD NO. 1-667-485-13
LOT NO. 904-
B-#BVW55-SDI23-13@



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

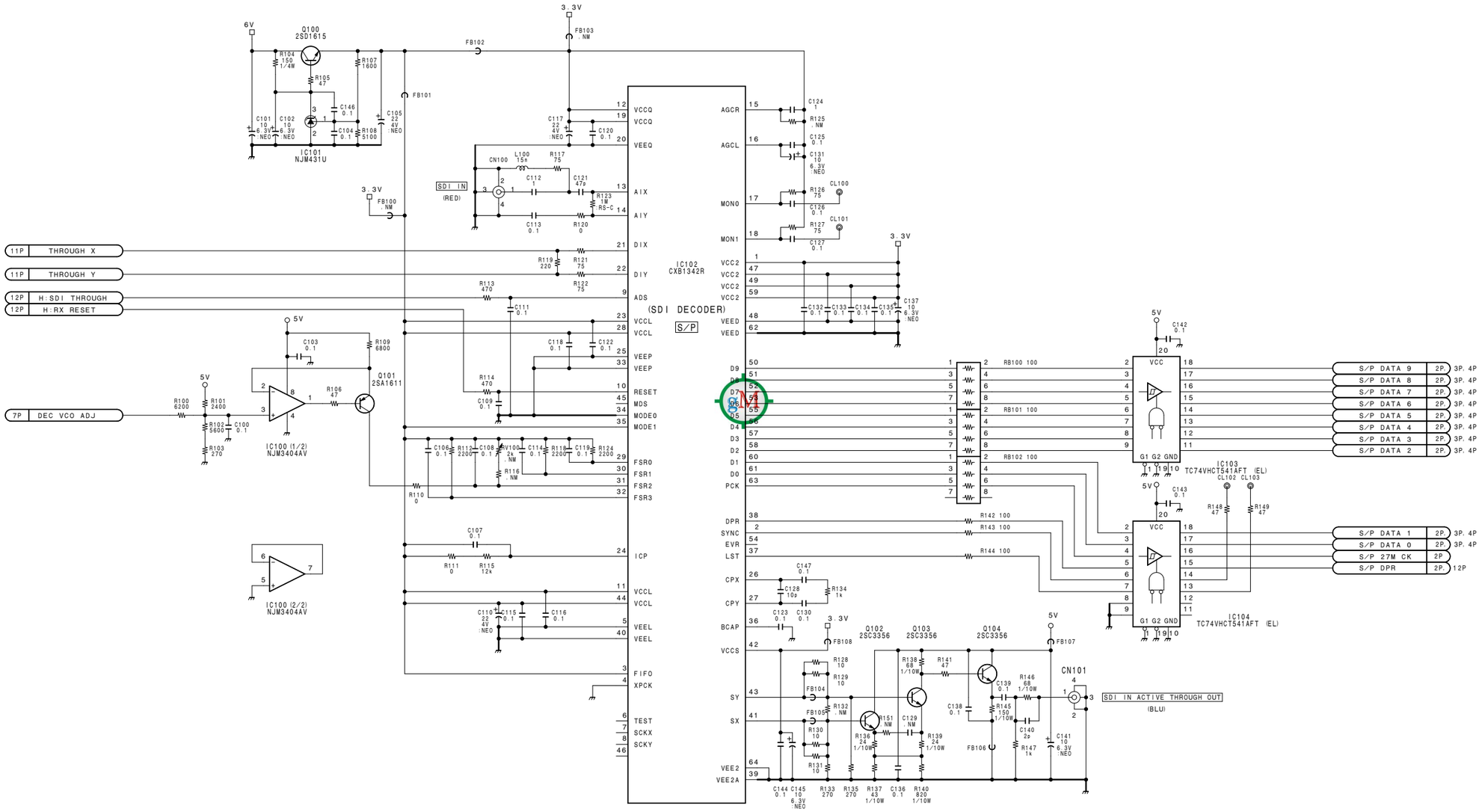
SDI-23 (13/13)

BOARD NO. 1-667-485-13

LOT NO. 904-

B-#BVW55-SDI23-13@

SDI-23 (1/13)

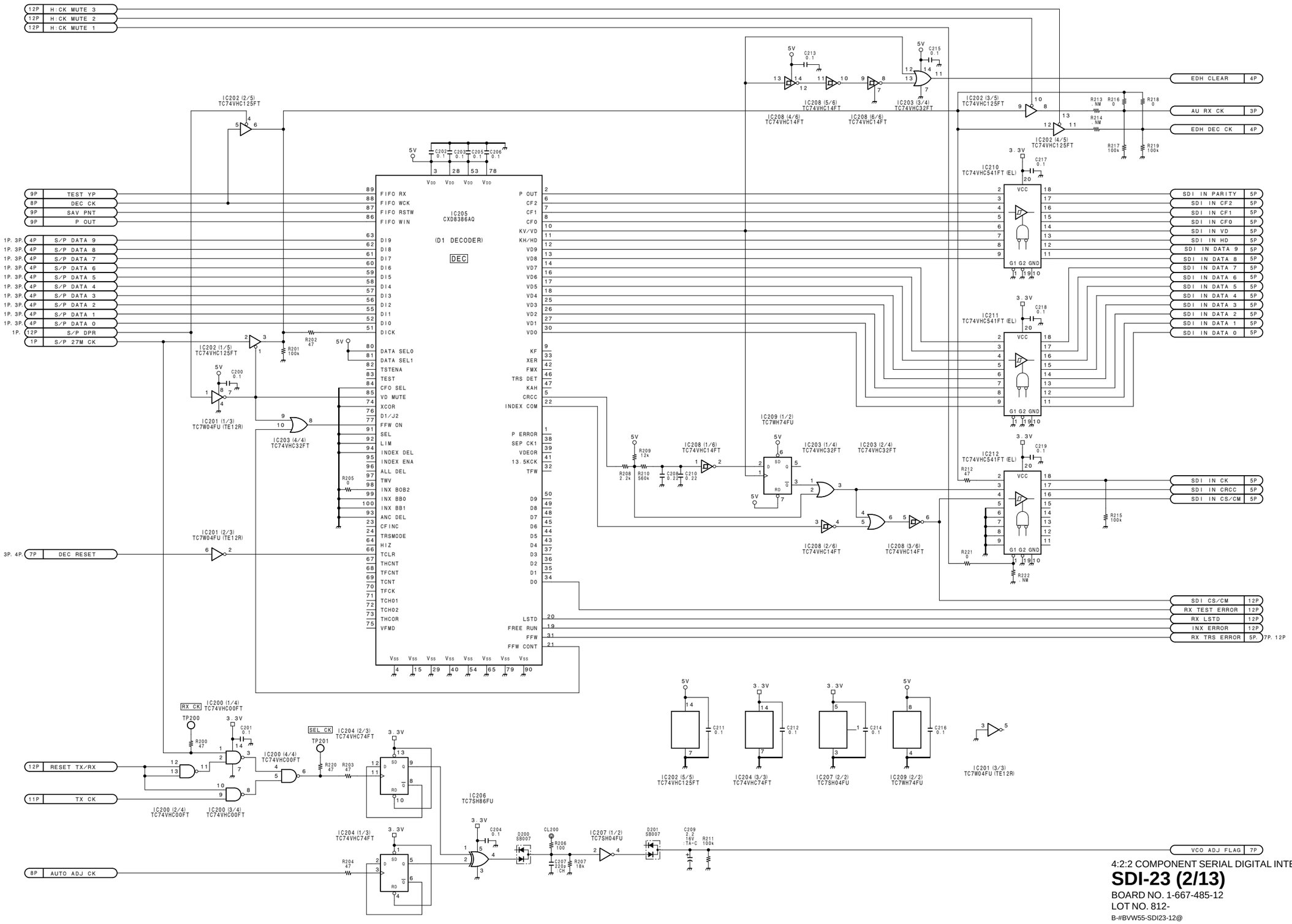


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (1/13)

BOARD NO. 1-667-485-12
LOT NO. 812-
B-#BVW55-SDI23-12@

SDI-23 (2/13)



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

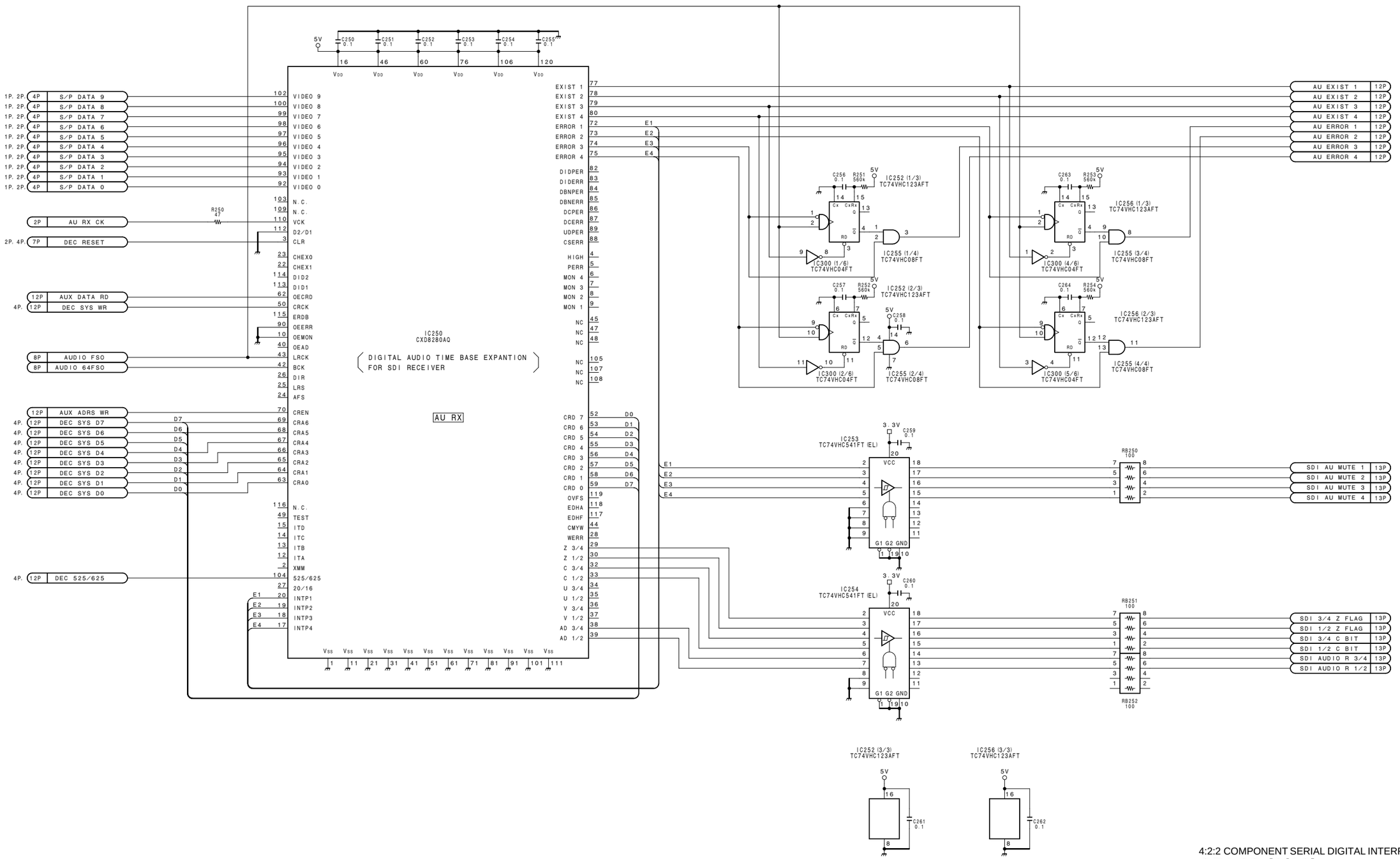
SDI-23 (2/13)

BOARD NO. 1-667-485-12

LOT NO. 812-

B-#BVW55-SDI23-12@

SDI-23 (3/13)



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (3/13)

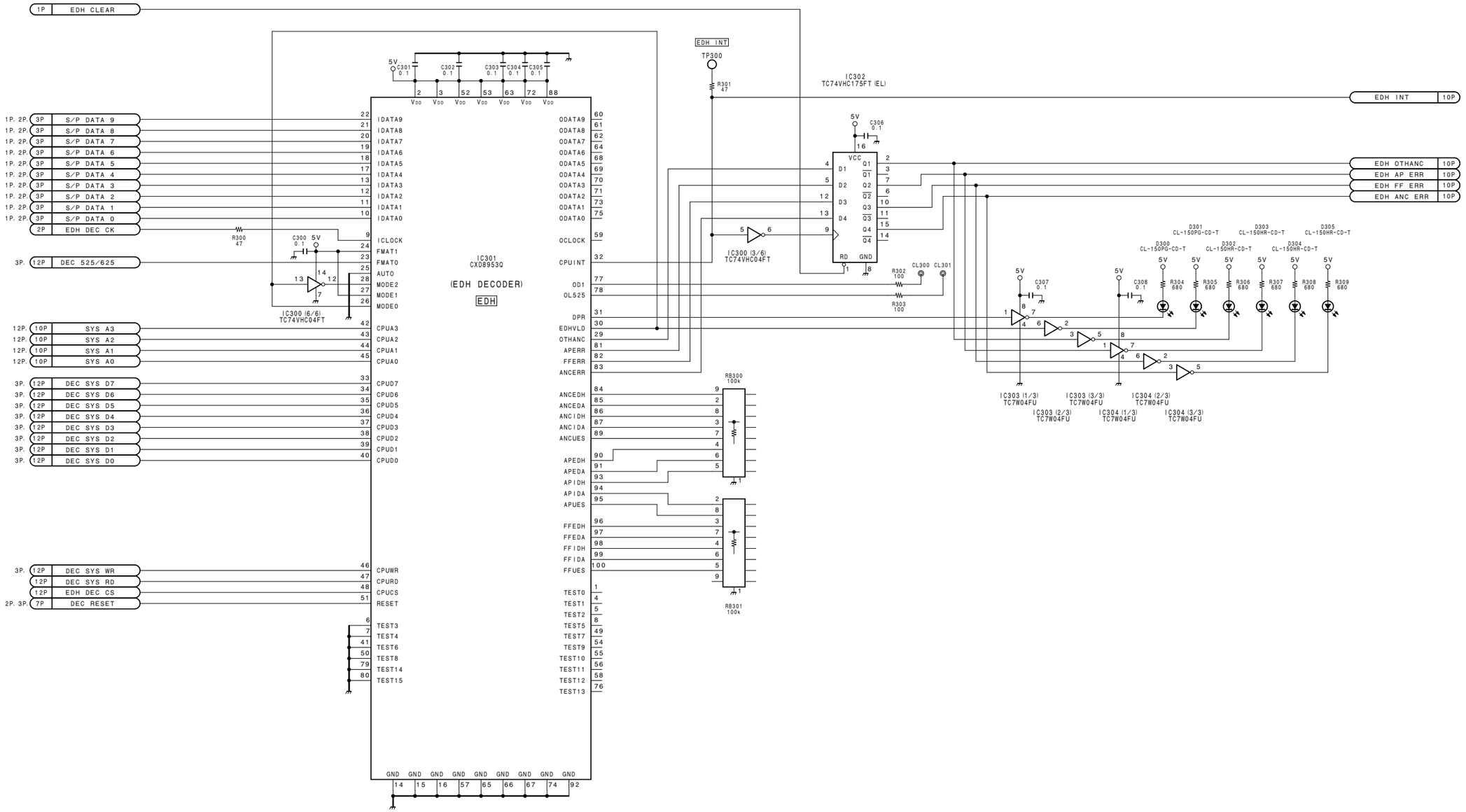
BOARD NO. 1-667-485-12

LOT NO. 812-

B-#BVW55-SDI23-12@

4-92 (a)

SDI-23 (4/13)



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

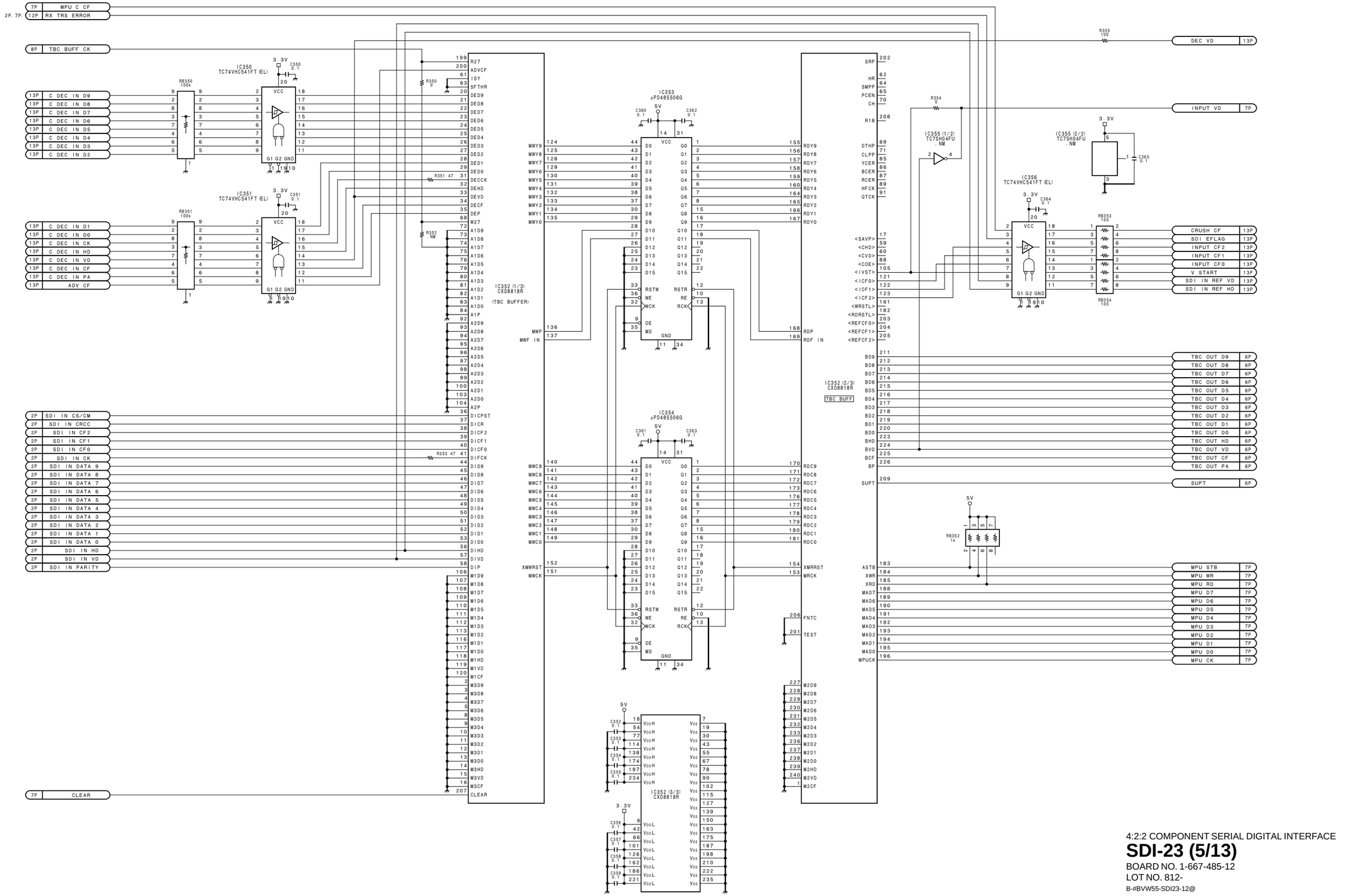
SDI-23 (4/13)

BOARD NO. 1-667-485-12

LOT NO. 812-

B-#BVW55-SDI23-12@

SDI-23 (5/13)



4-94 (a) 4-94 (a)

4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (5/13)

BOARD NO. 1-667-485-12

LOT NO. 812-

B-#BVW55-SDI23-12@

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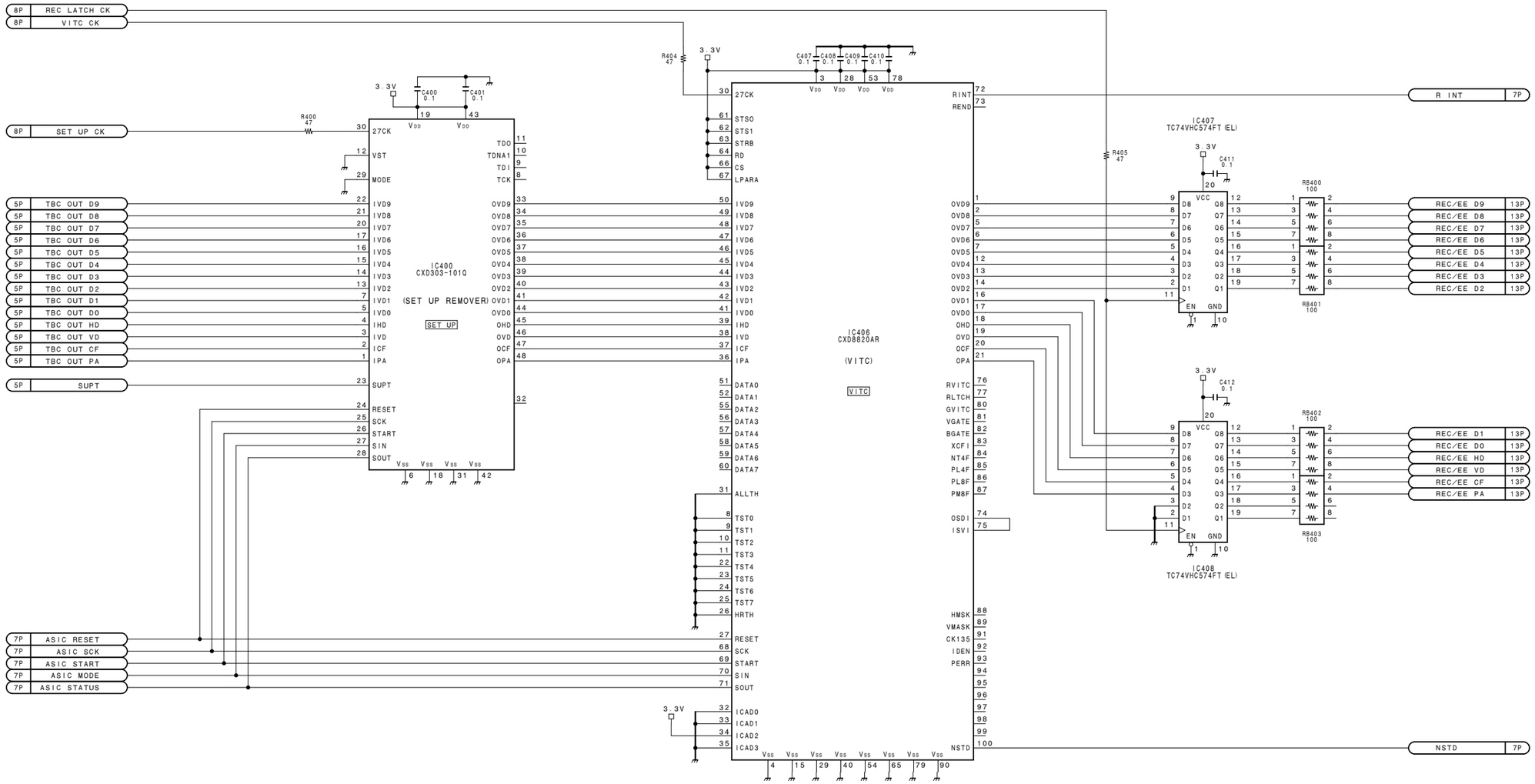
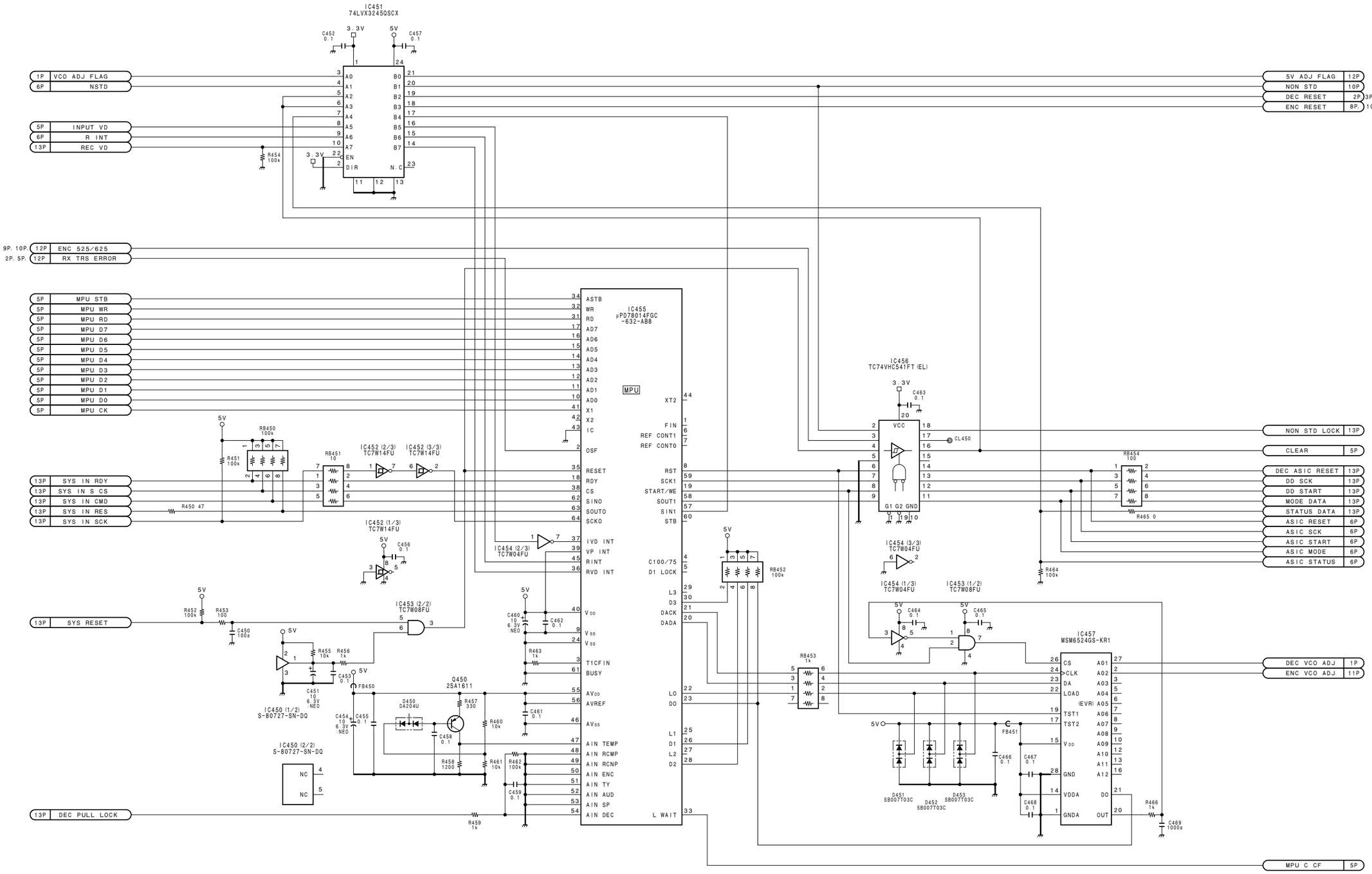


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (6/13)

BOARD NO. 1-667-485-12
LOT NO. 812-
B-#BVW55-SDI23-12@

SDI-23 (7/13)

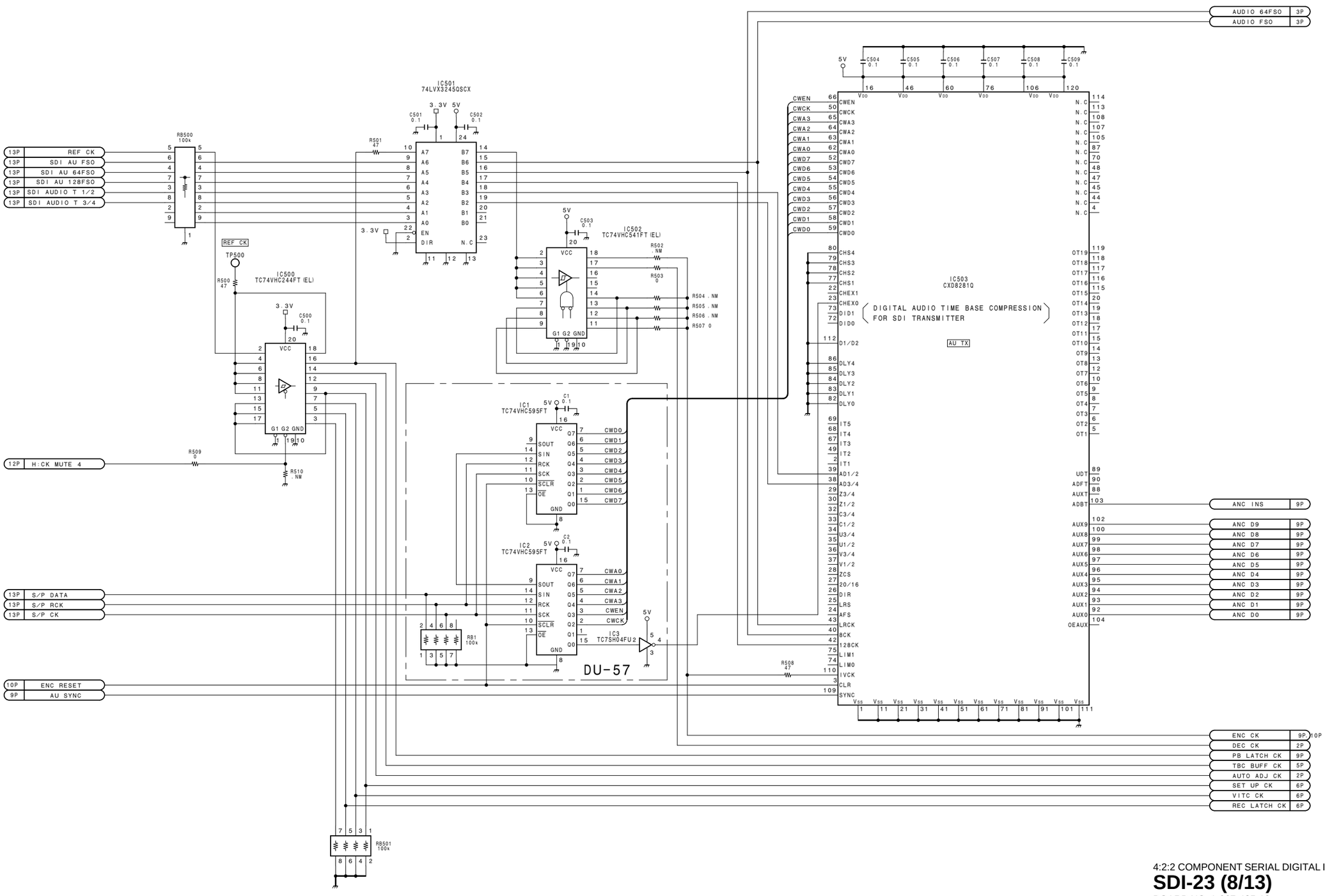


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (7/13)

BOARD NO. 1-667-485-12
LOT NO. 812-
B-#BVW55-SDI23-12@

SDI-23 (8/13)

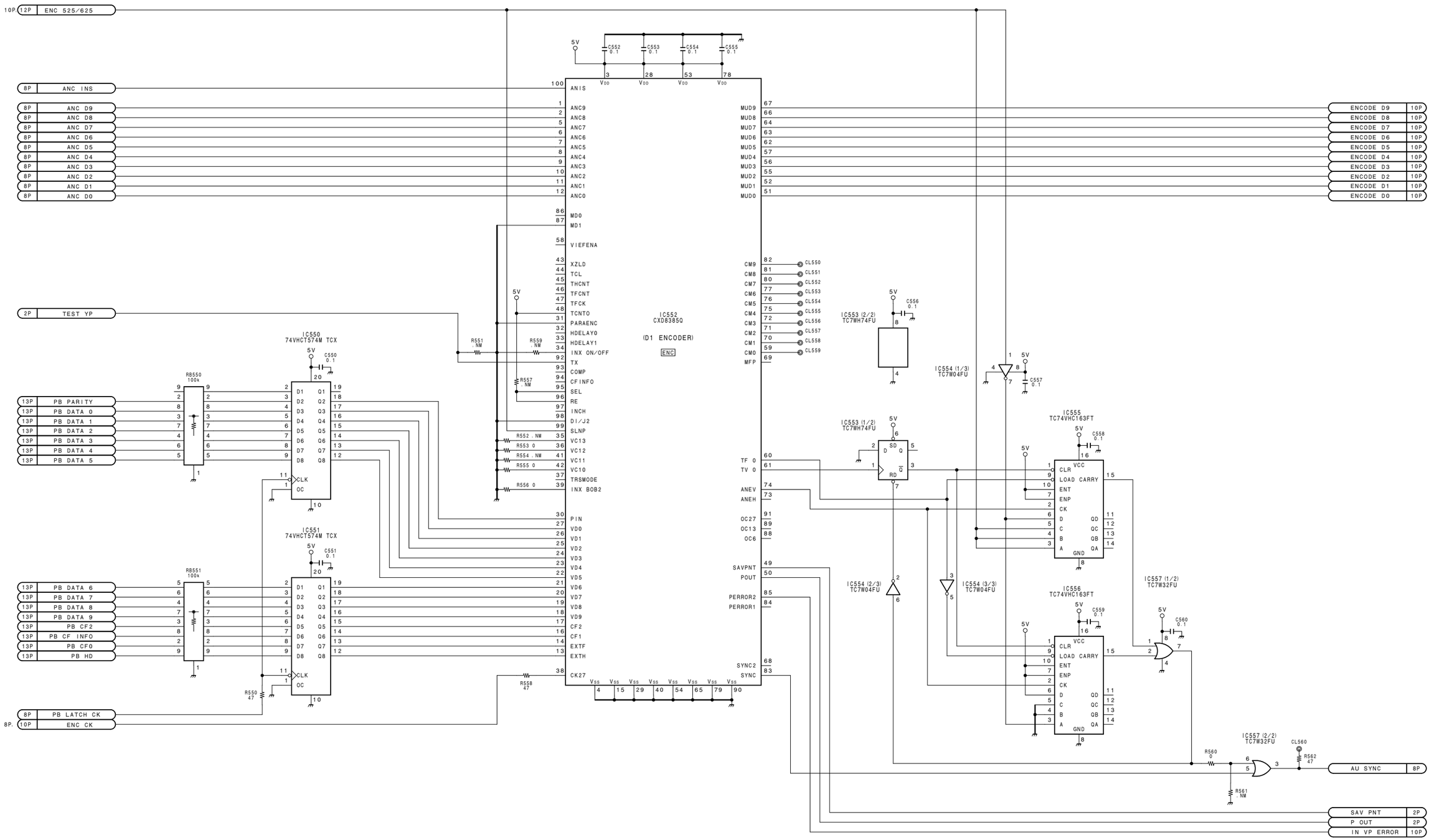


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (8/13)

BOARD NO. 1-667-485-12
LOT NO. 812-
B-#BVW55-SDI23-12@

SDI-23 (9/13)



4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

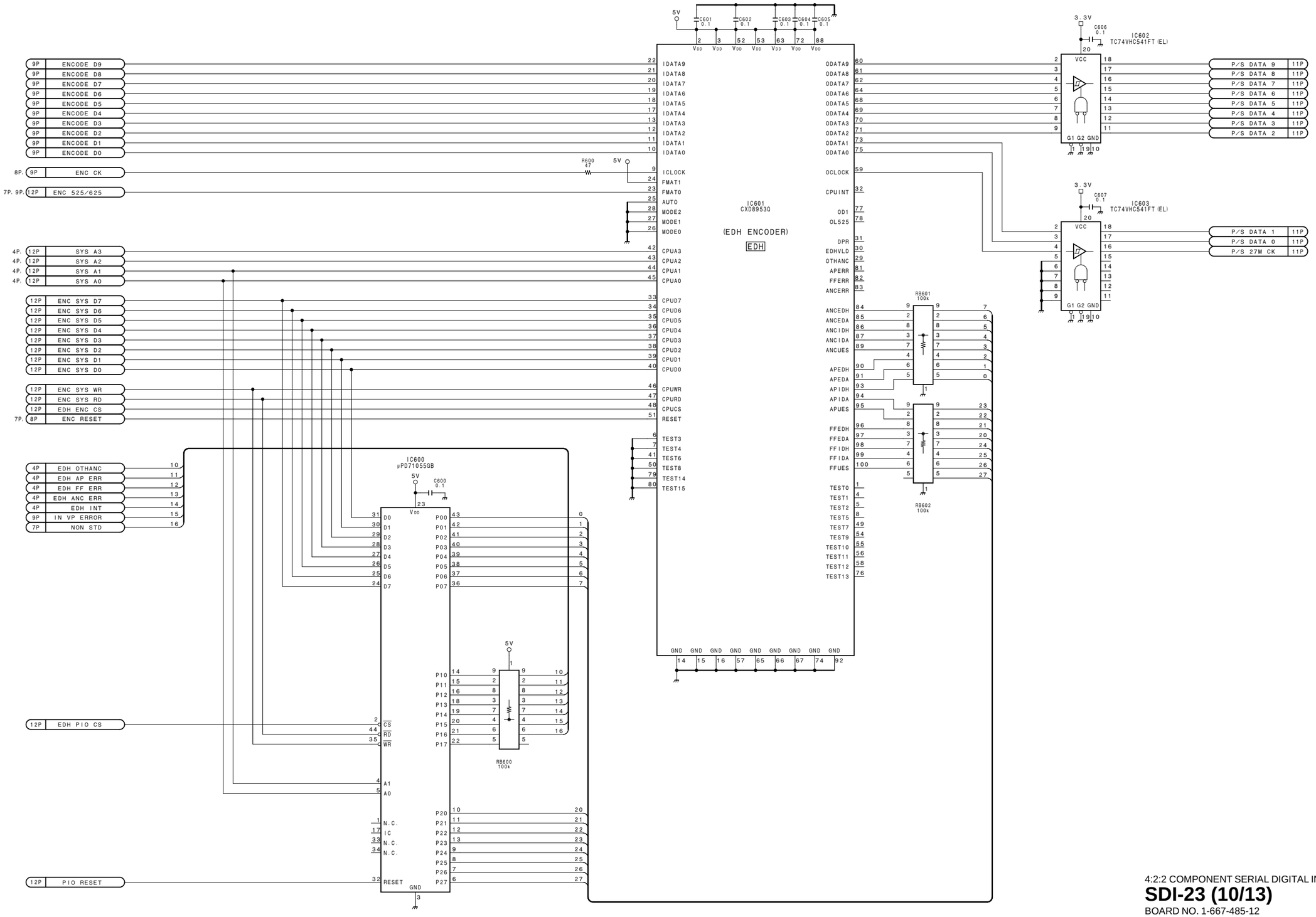
SDI-23 (9/13)

BOARD NO. 1-667-485-12

LOT NO. 812-

B-#BVW55-SDI23-12@

SDI-23 (10/13)

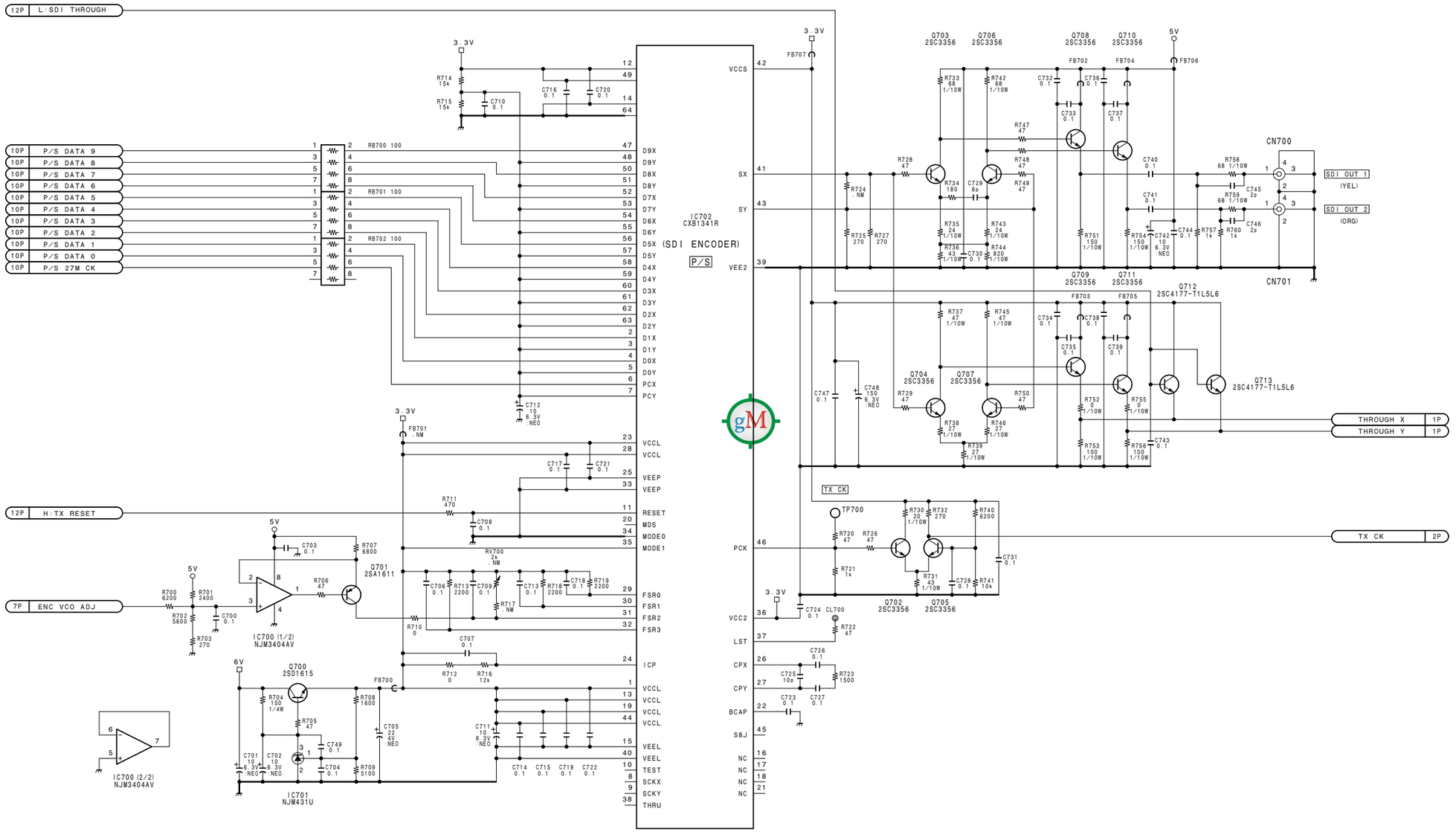


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (10/13)

BOARD NO. 1-667-485-12
LOT NO. 812-
B-#BVW55-SDI23-12@

SDI-23 (11/13)



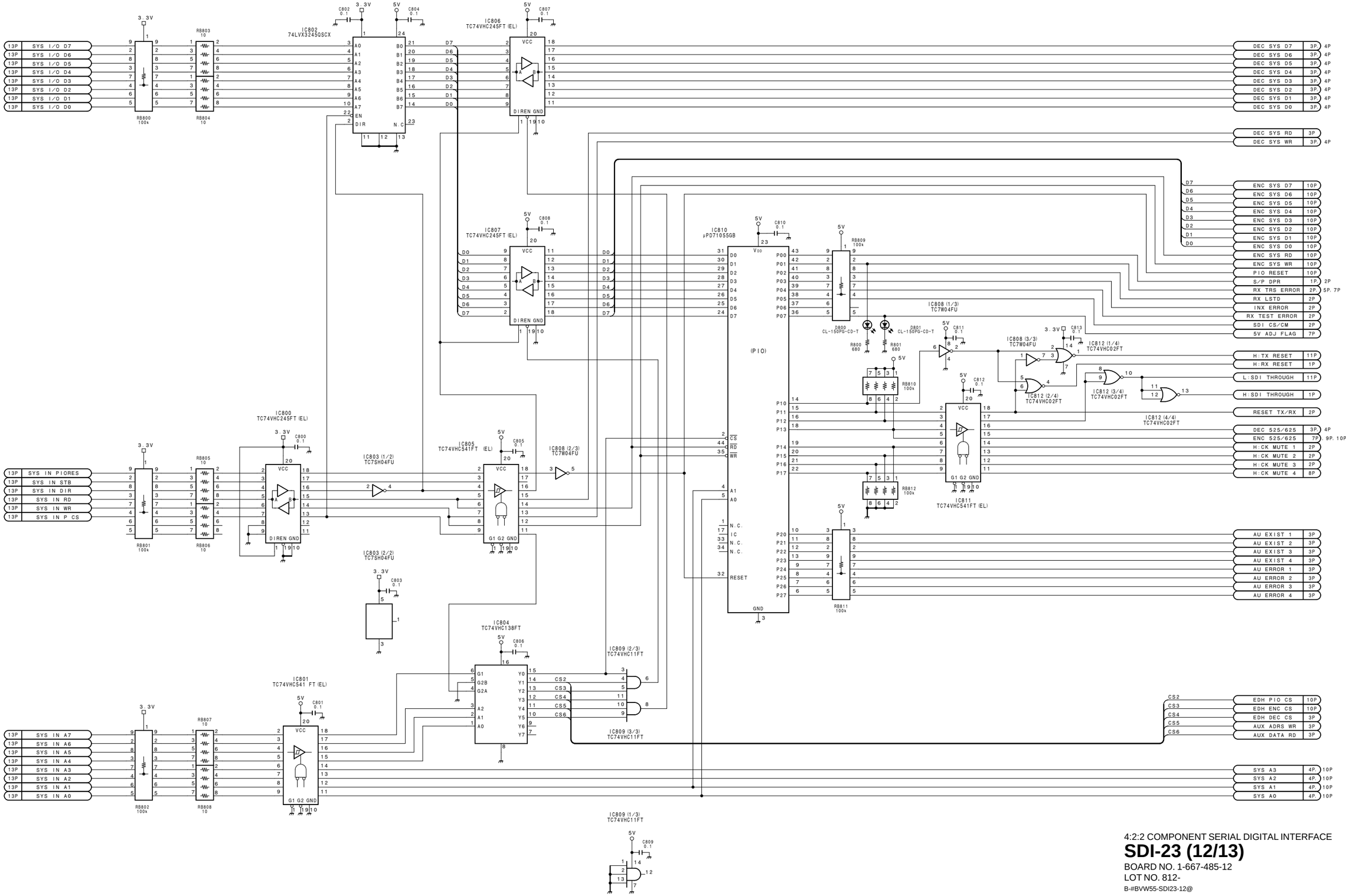
4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (11/13)

BOARD NO. 1-667-485-12

LOT NO. 812-

B-#BVW55-SDI23-12@

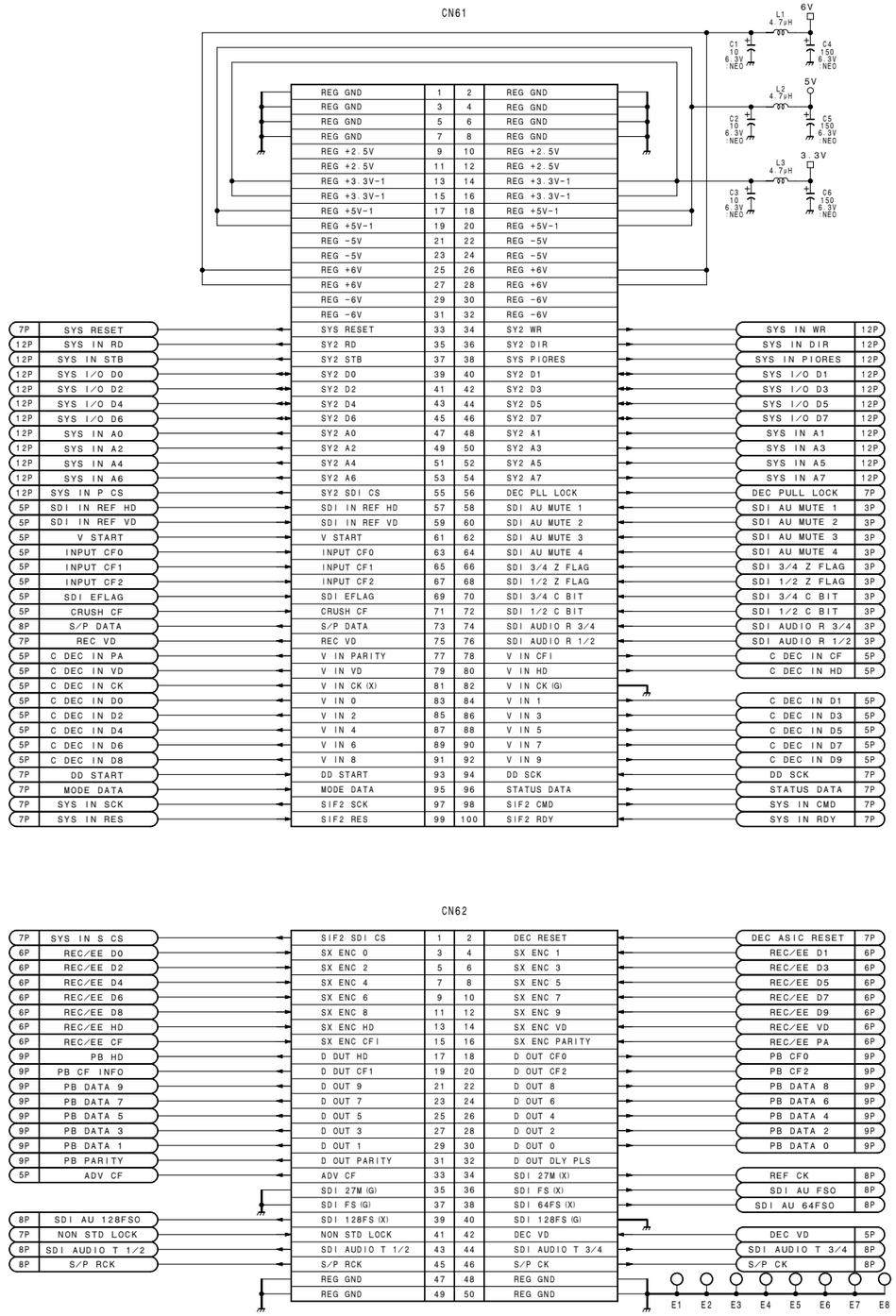


4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (12/13)

BOARD NO. 1-667-485-12
LOT NO. 812-
B-#BVW55-SDI23-12@

SDI-23 (13/13)



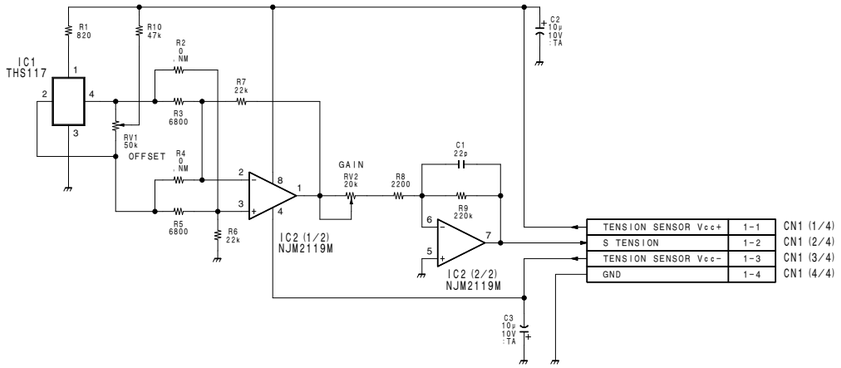
4:2:2 COMPONENT SERIAL DIGITAL INTERFACE

SDI-23 (13/13)

BOARD NO. 1-667-485-12

LOT NO. 812-

B-#BVW55-SDI23-12@



S TENSION SENSOR

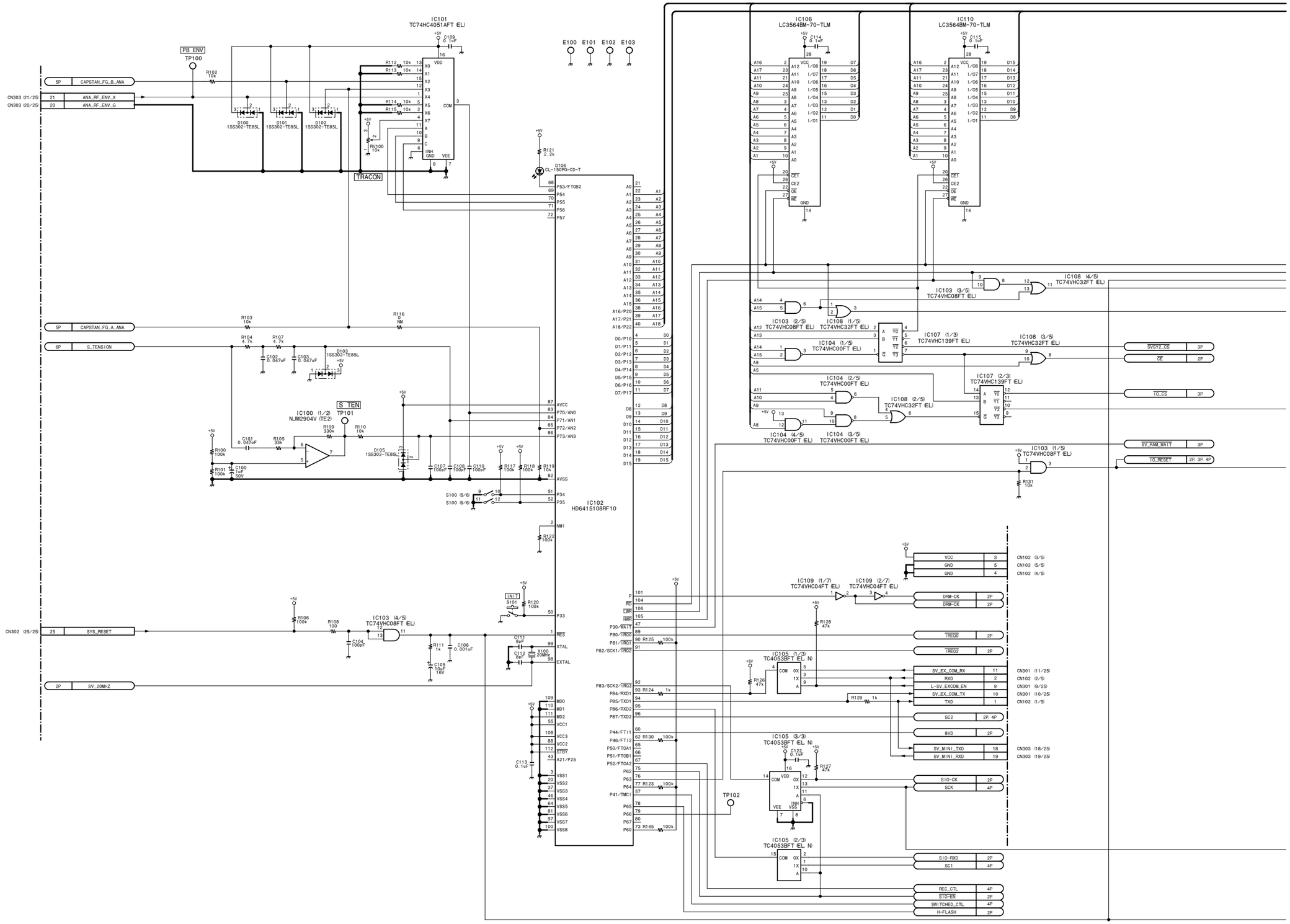
SR-65

BOARD NO. 1-667-486-12

LOT NO. 812-

B-#BVW55-SR65-12@

SV-206 (1/8)



4-104

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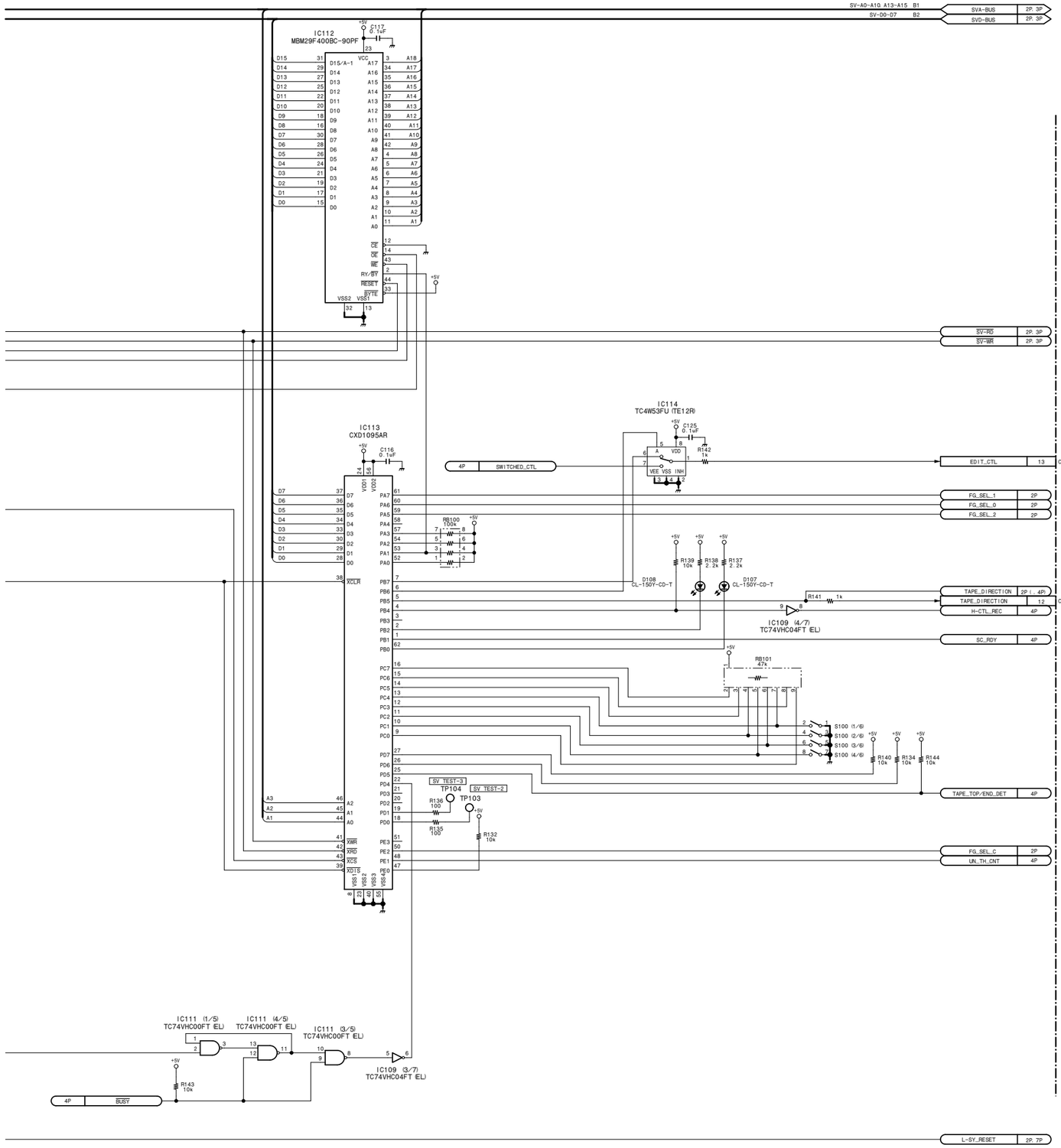
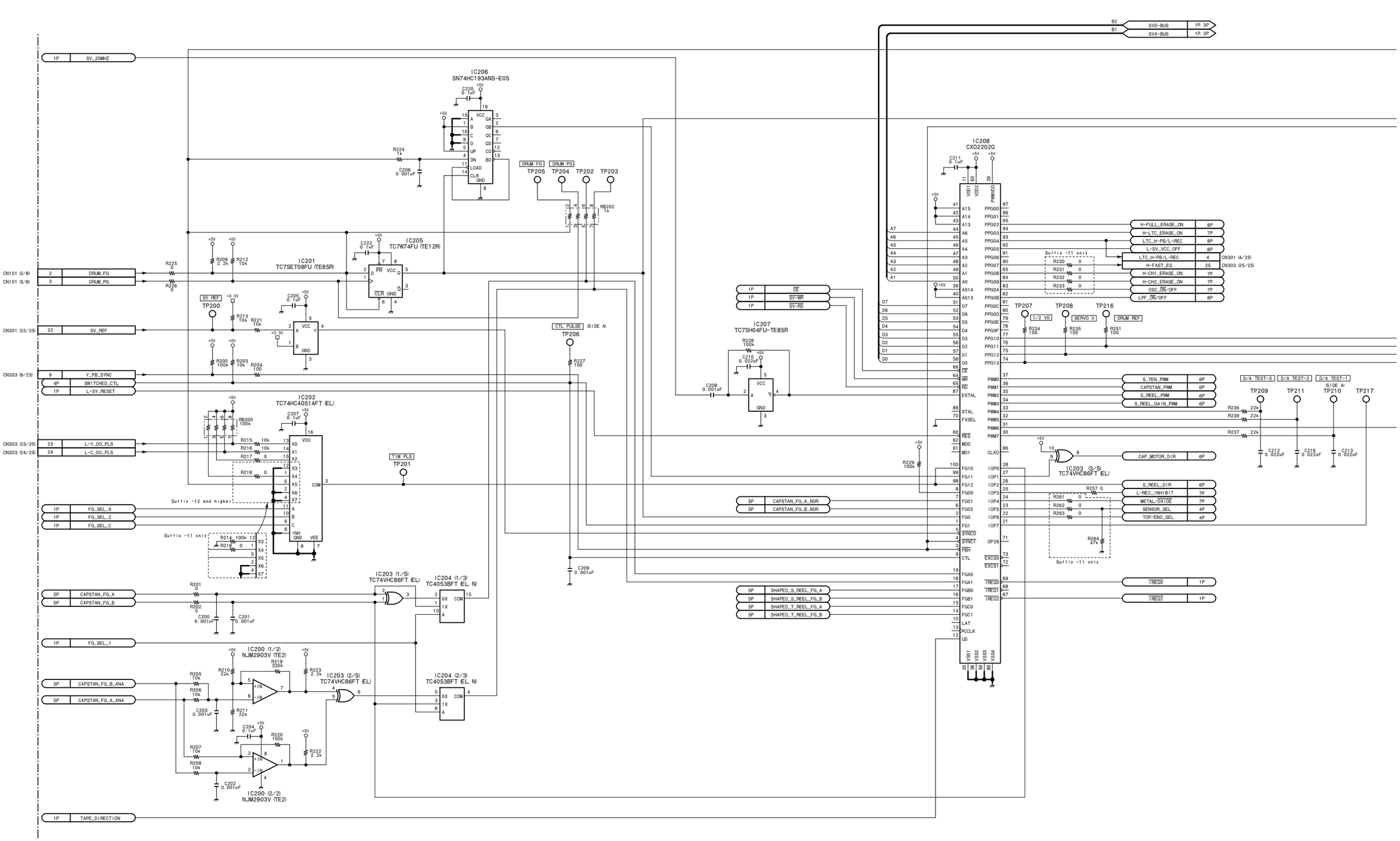


SERVO CONTROL, MOTOR DRIVER, SENSORS

SV-206 (1/8)

BOARD NO. 1-673-531-11, 12
LOT NO. 812-
BVW-55_SV-206_012

SV-206 (2/8)



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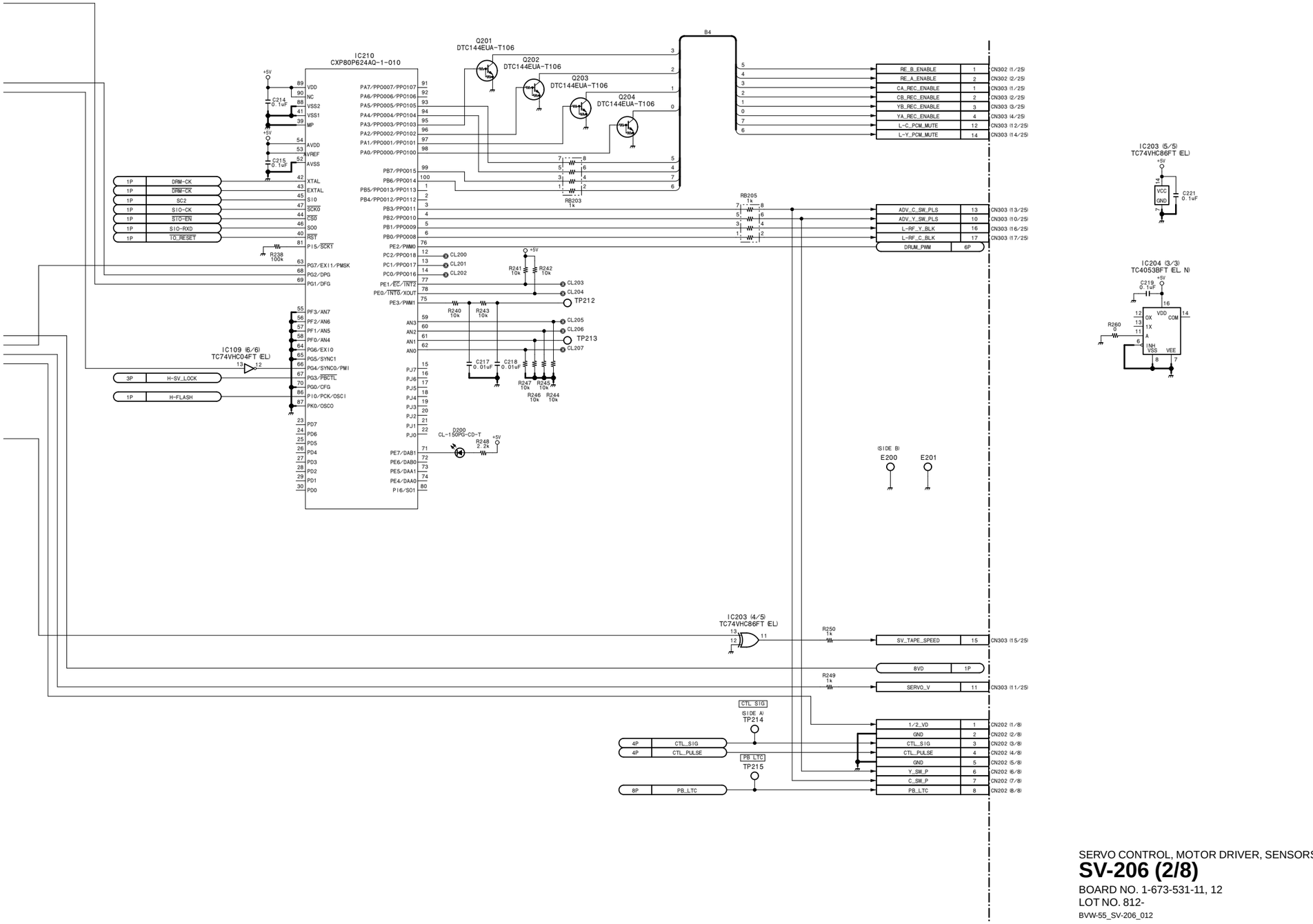
BVW-55

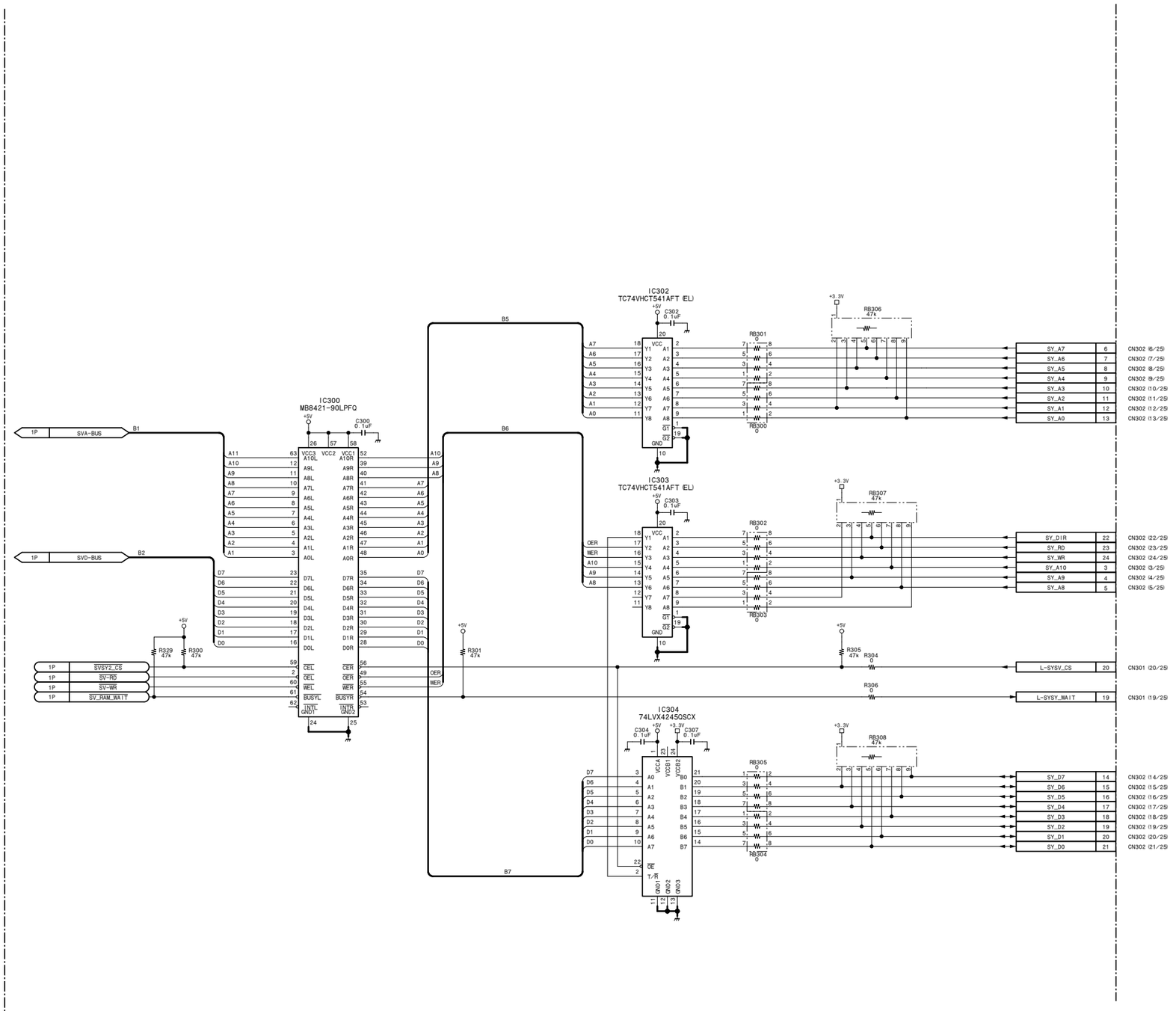


SERVO CONTROL, MOTOR DRIVER, SENSORS

SV-206 (2/8)

BOARD NO. 1-673-531-11, 12
LOT NO. 812-
BVW-55_SV-206_012

SV-206 (3/8)



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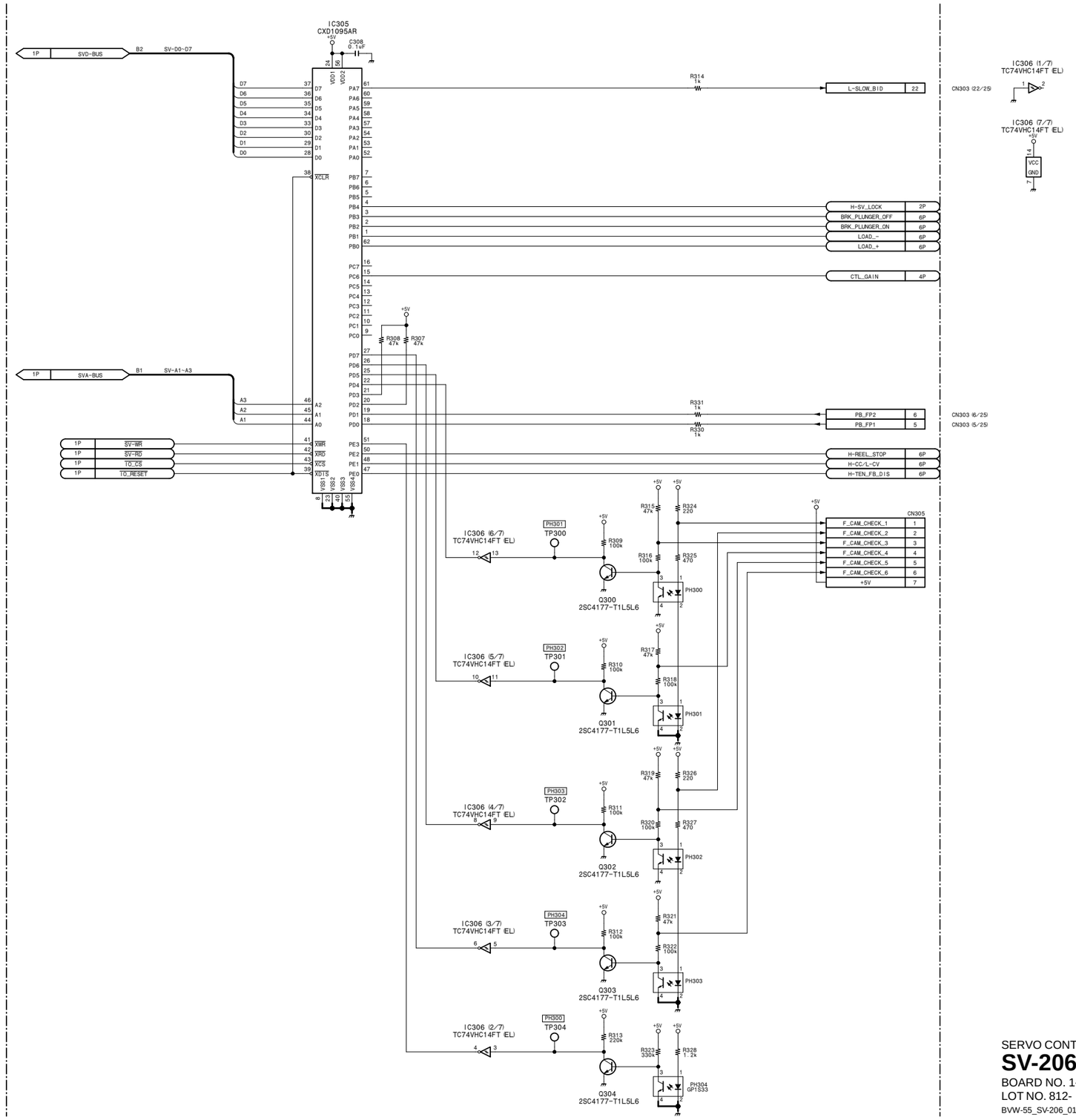
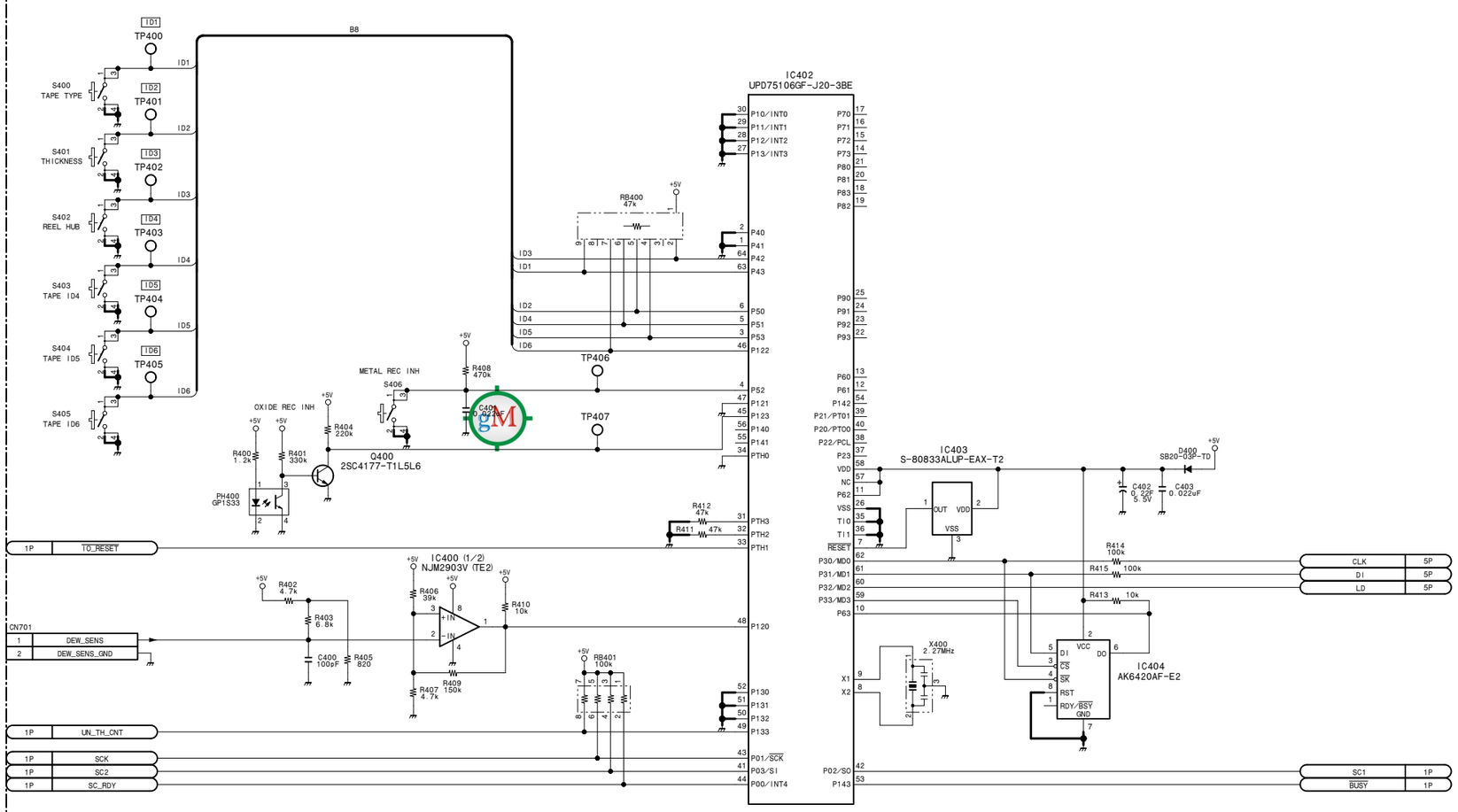


SERVO CONTROL, MOTOR DRIVER, SENSORS

SV-206 (3/8)

BOARD NO. 1-673-531-11, 12
LOT NO. 812-
BVW-55_SV-206_012

SV-206 (4/8)



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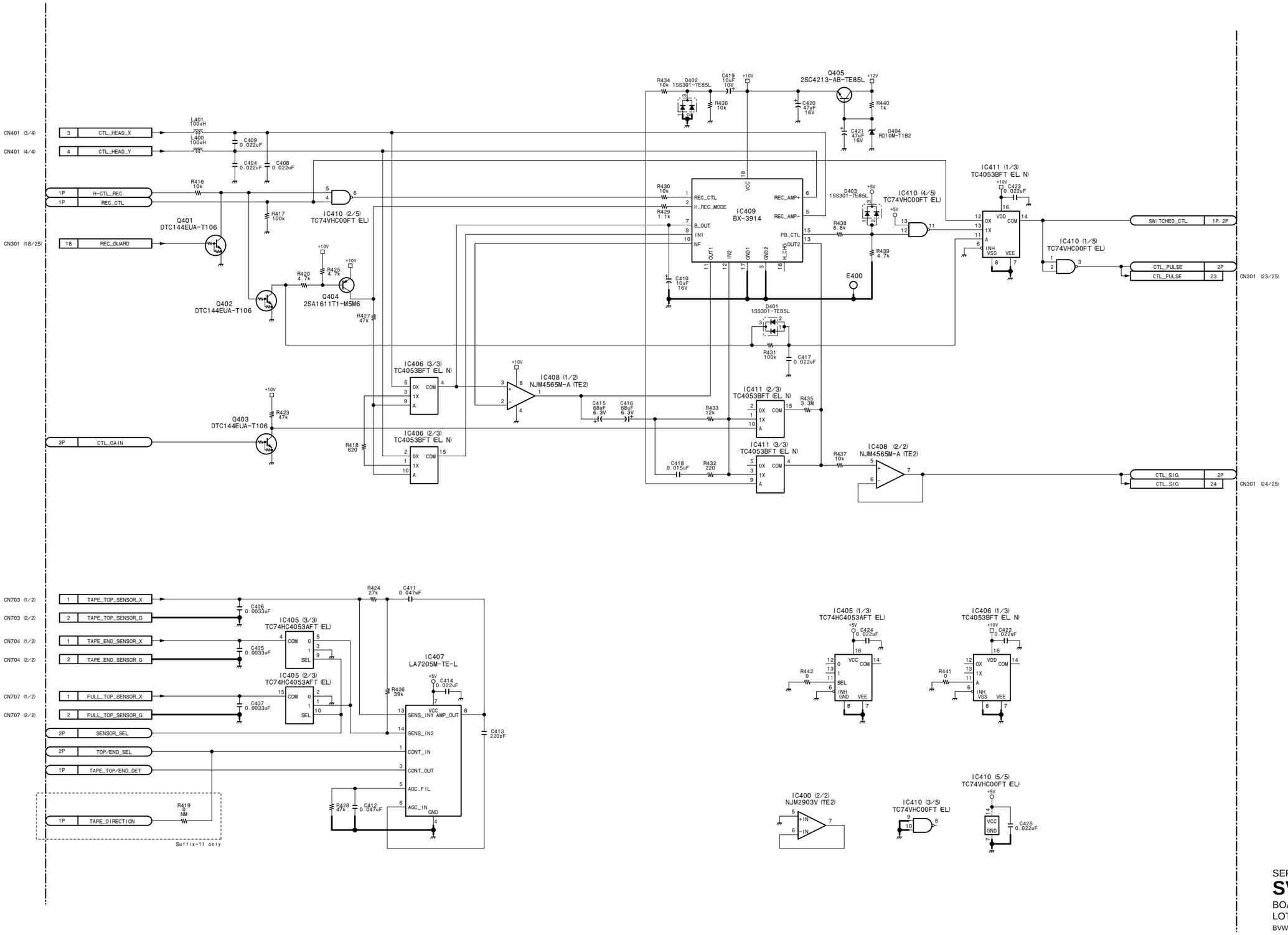
SV-206 (4/8)



SERVO CONTROL, MOTOR DRIVER, SENSORS

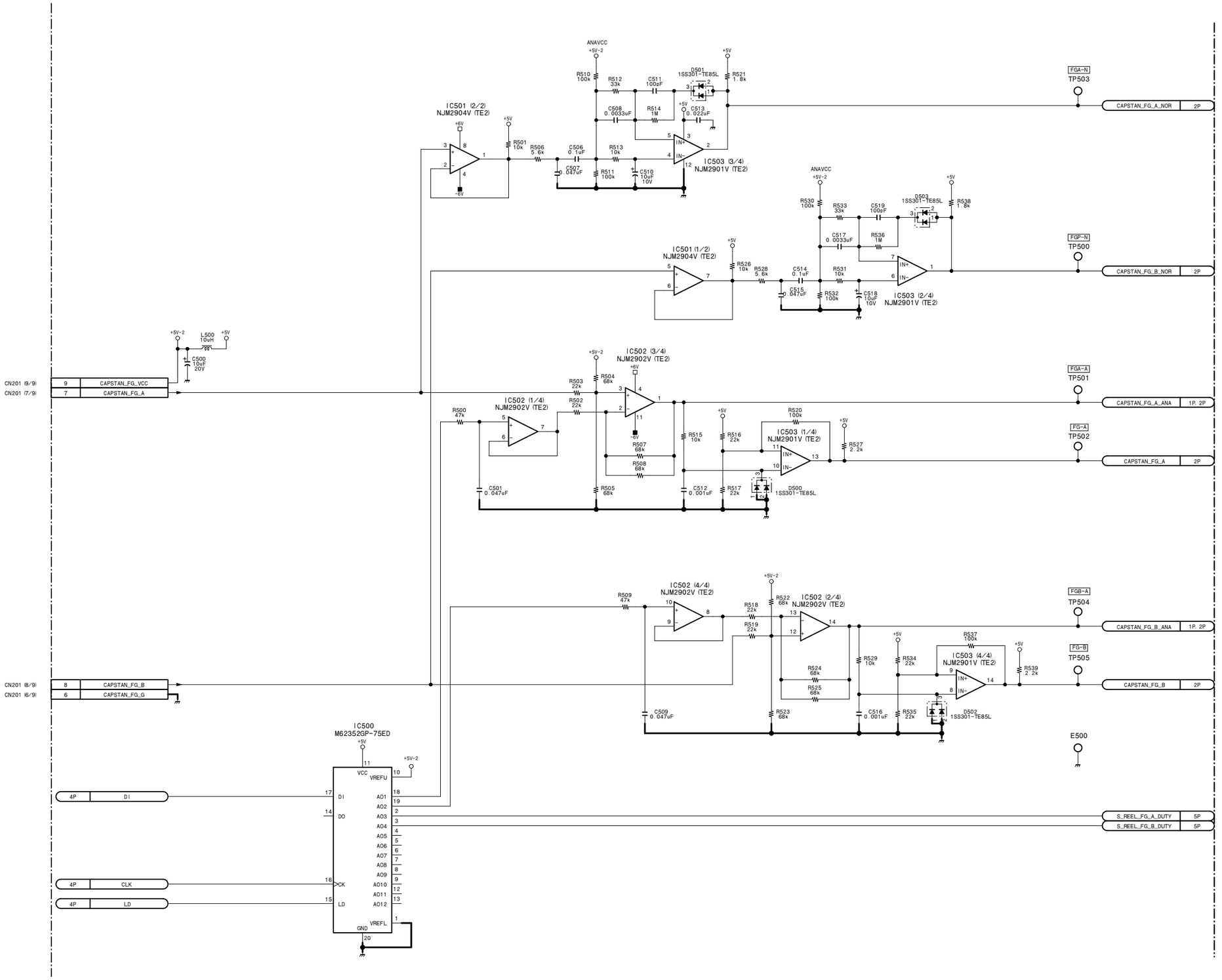
SV-206 (4/8)

BOARD NO. 1-673-531-11, 12

LOT NO. 812-

BVW-55_SV-206_012

SV-206 (5/8)



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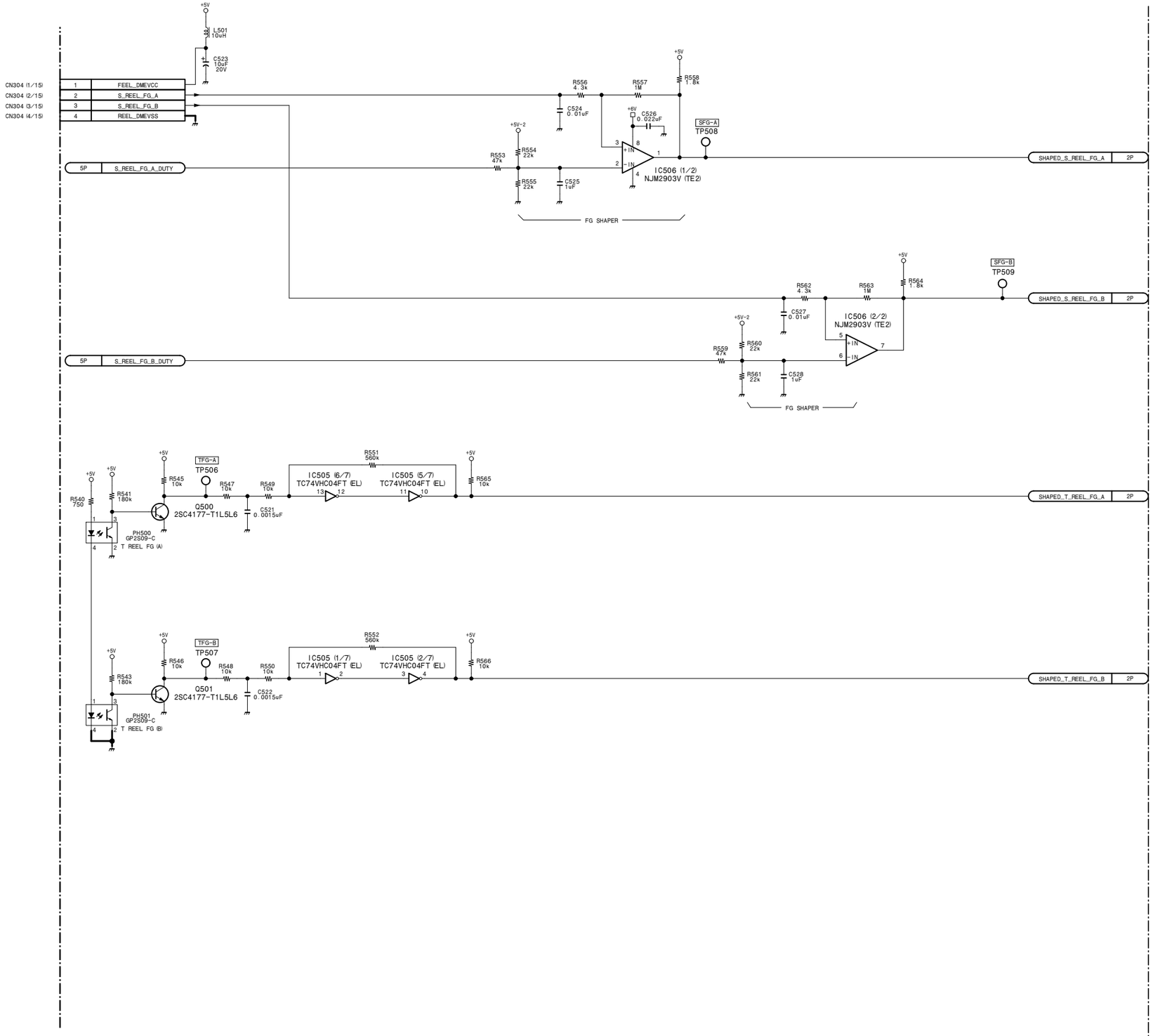
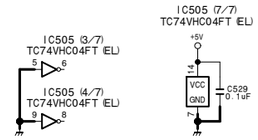
SV-206 (5/8)



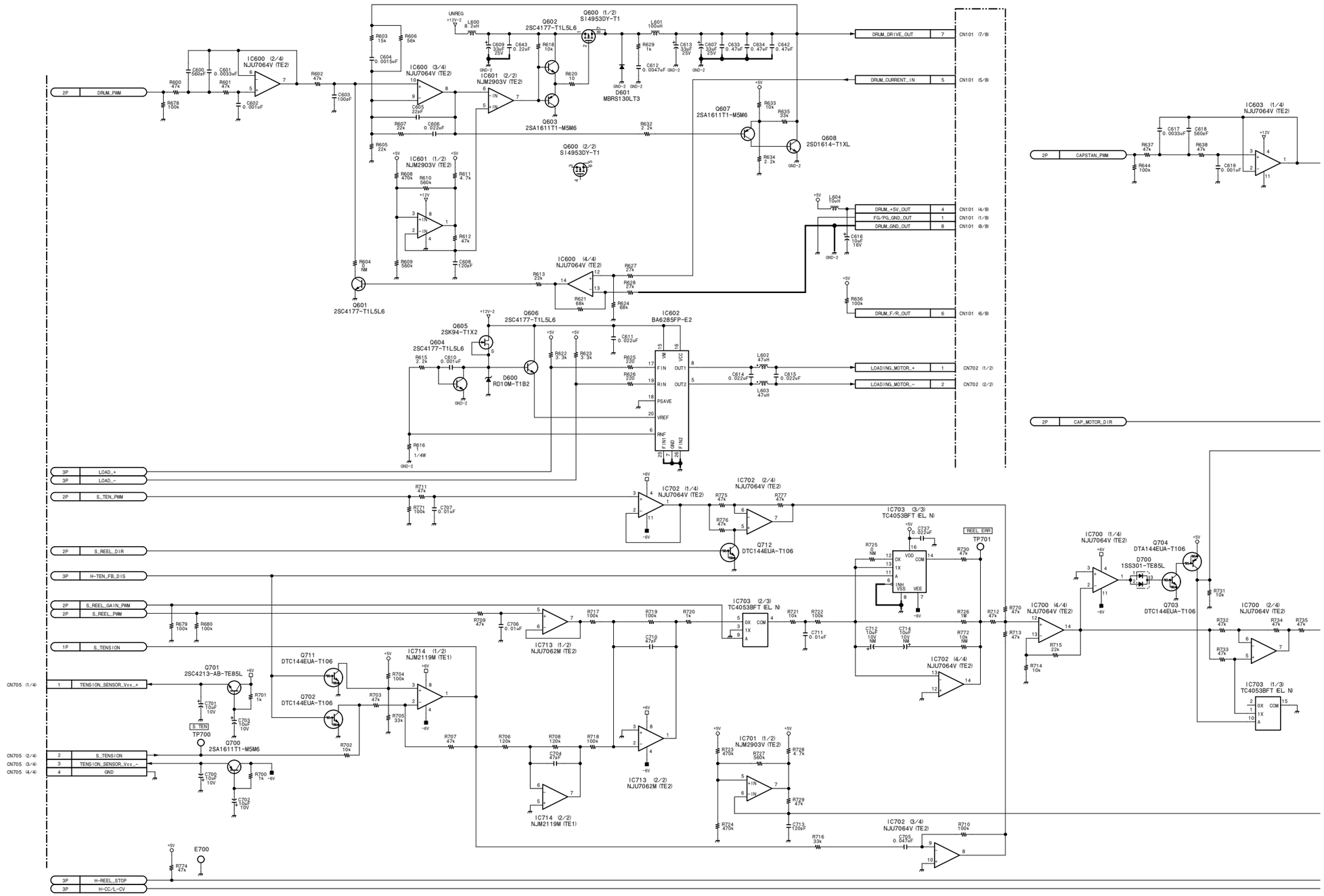


SERVO CONTROL, MOTOR DRIVER, SENSORS

SV-206 (5/8)

BOARD NO. 1-673-531-11, 12
LOT NO. 812-
BVW-55_SV-206_012

SV-206 (6/8)



4-114

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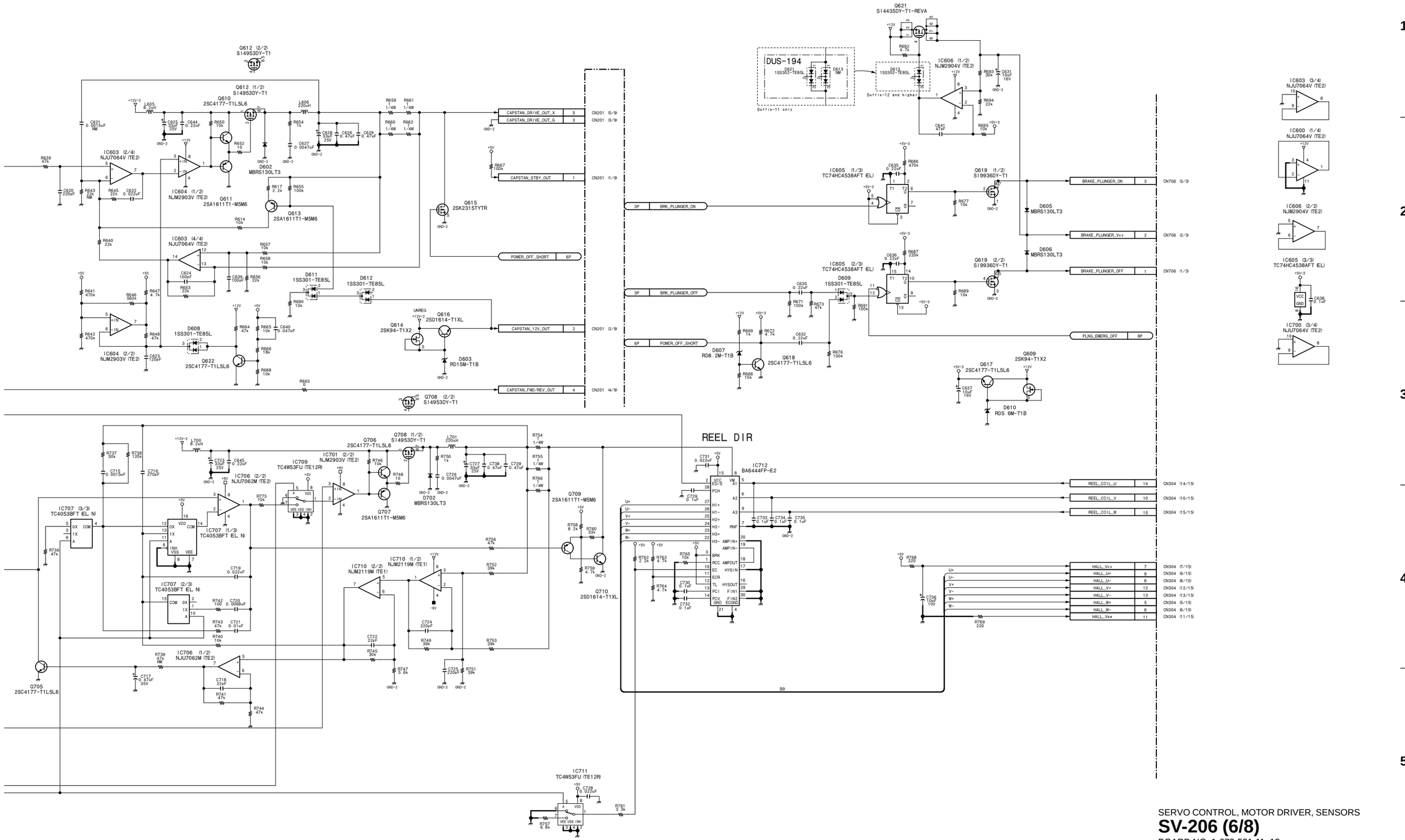
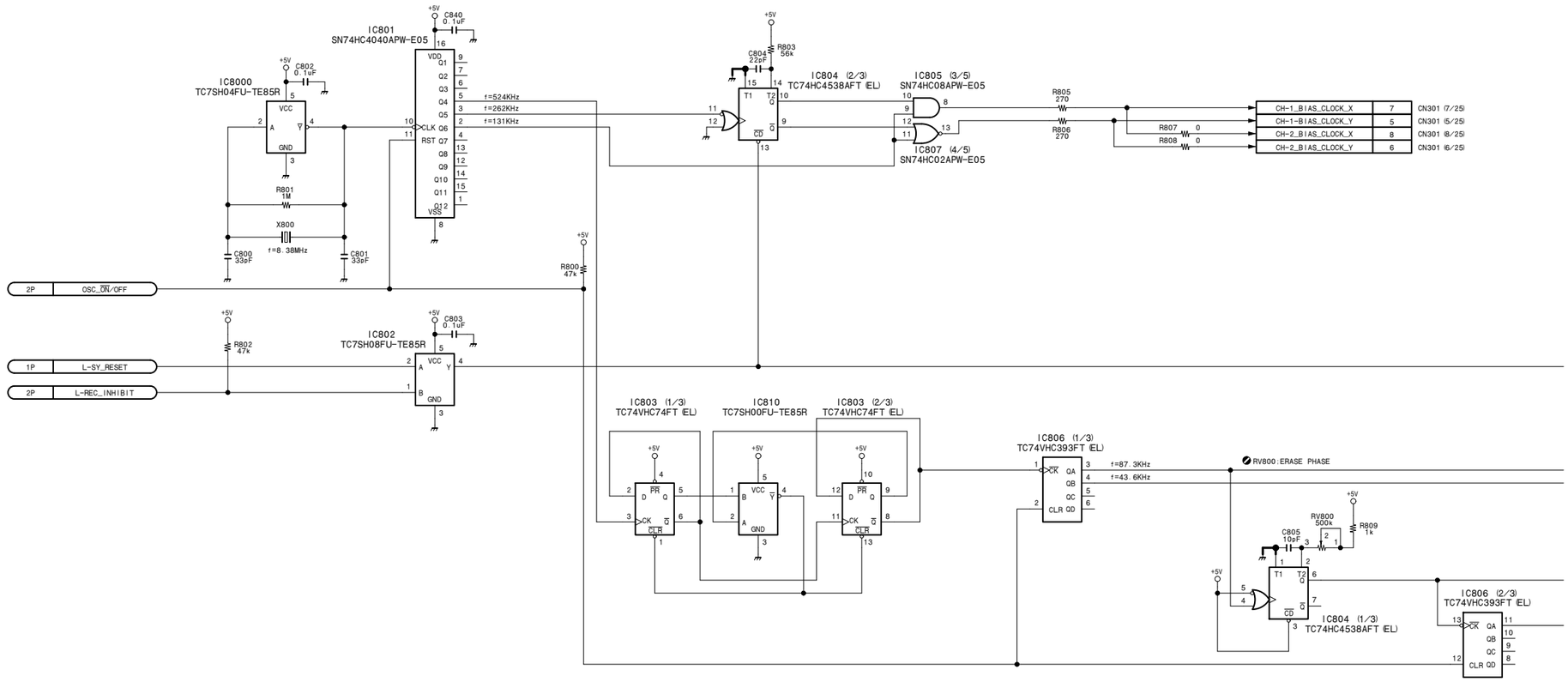


SERVO CONTROL, MOTOR DRIVER, SENSORS

SV-206 (6/8)

BOARD NO. 1-673-531-11, 12
LOT NO. 812-
BVW-55_SV-206_012

SV-206 (7/8)



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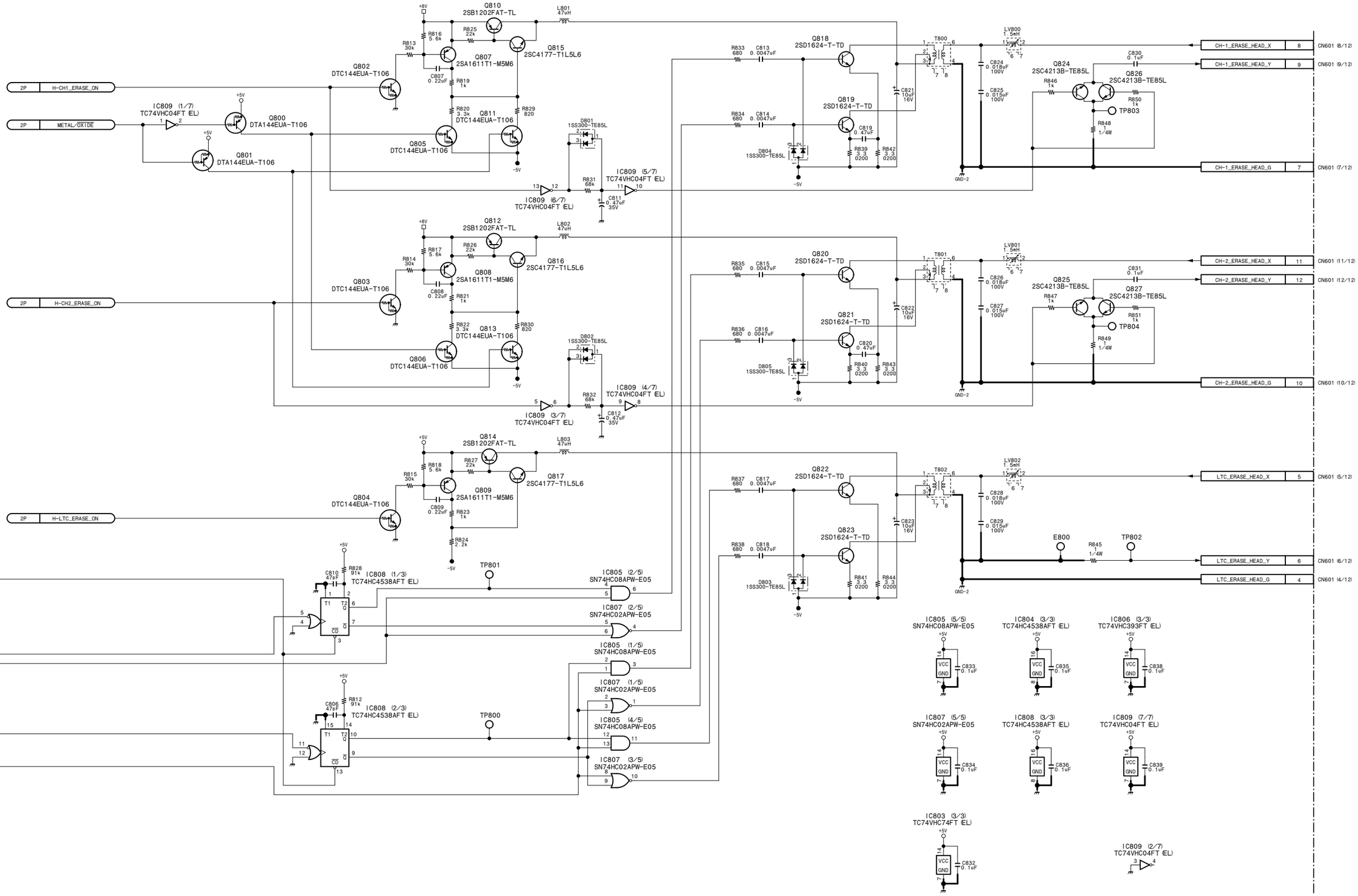
SV-206 (7/8)



SERVO CONTROL, MOTOR DRIVER, SENSORS

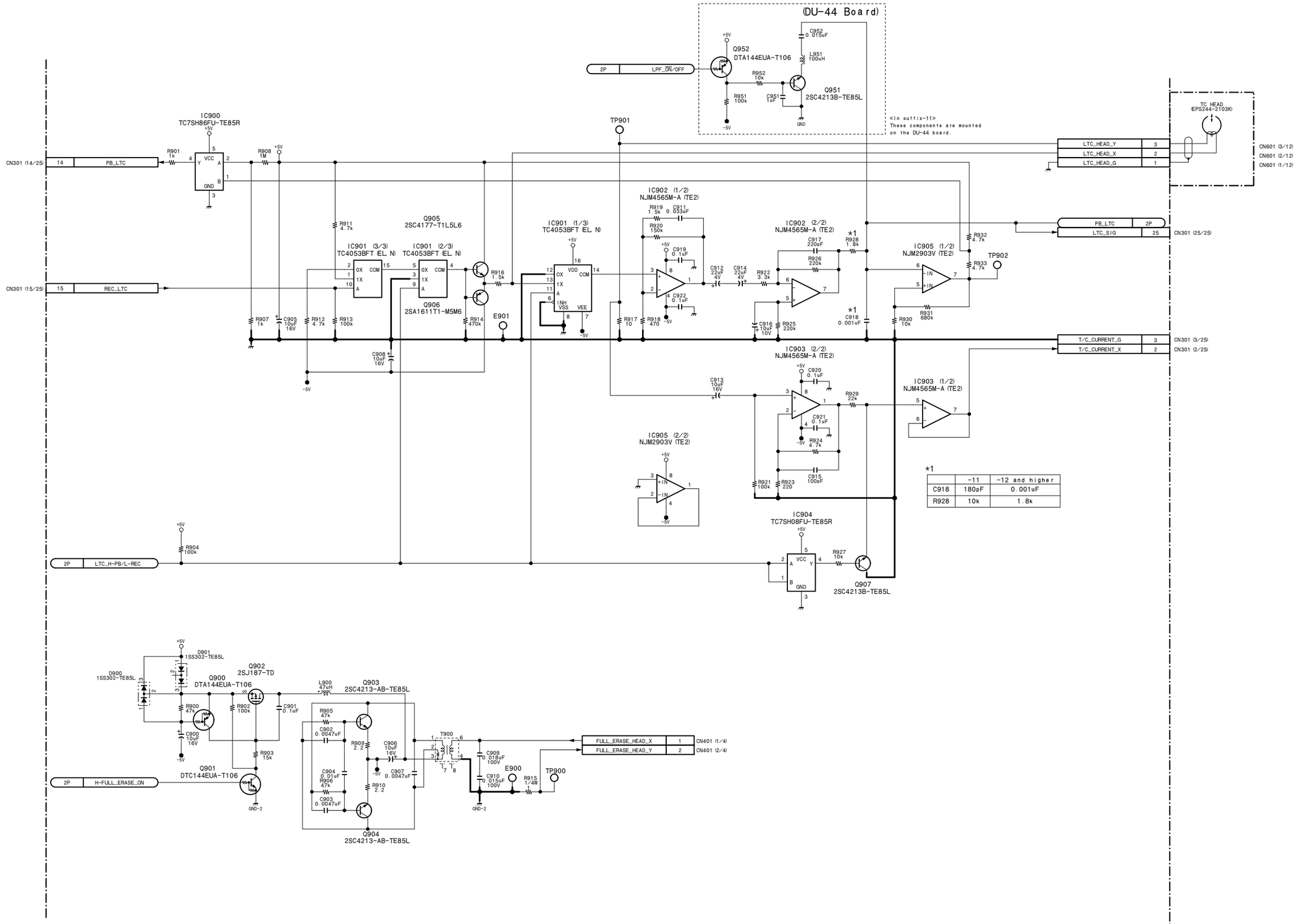
SV-206 (7/8)

BOARD NO. 1-673-531-11, 12

LOT NO. 812-

BVW-55_SV-206_012

SV-206 (8/8)



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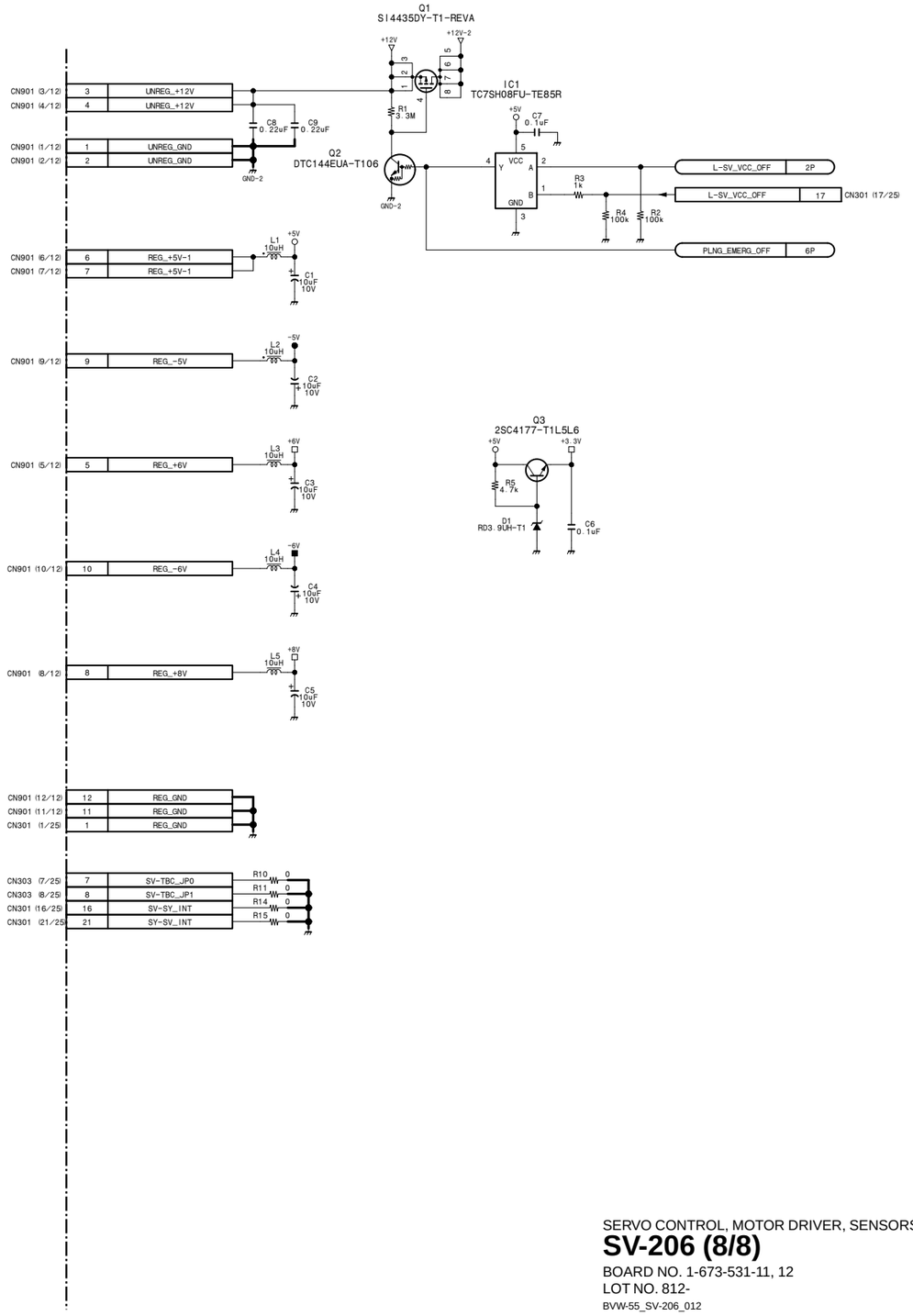
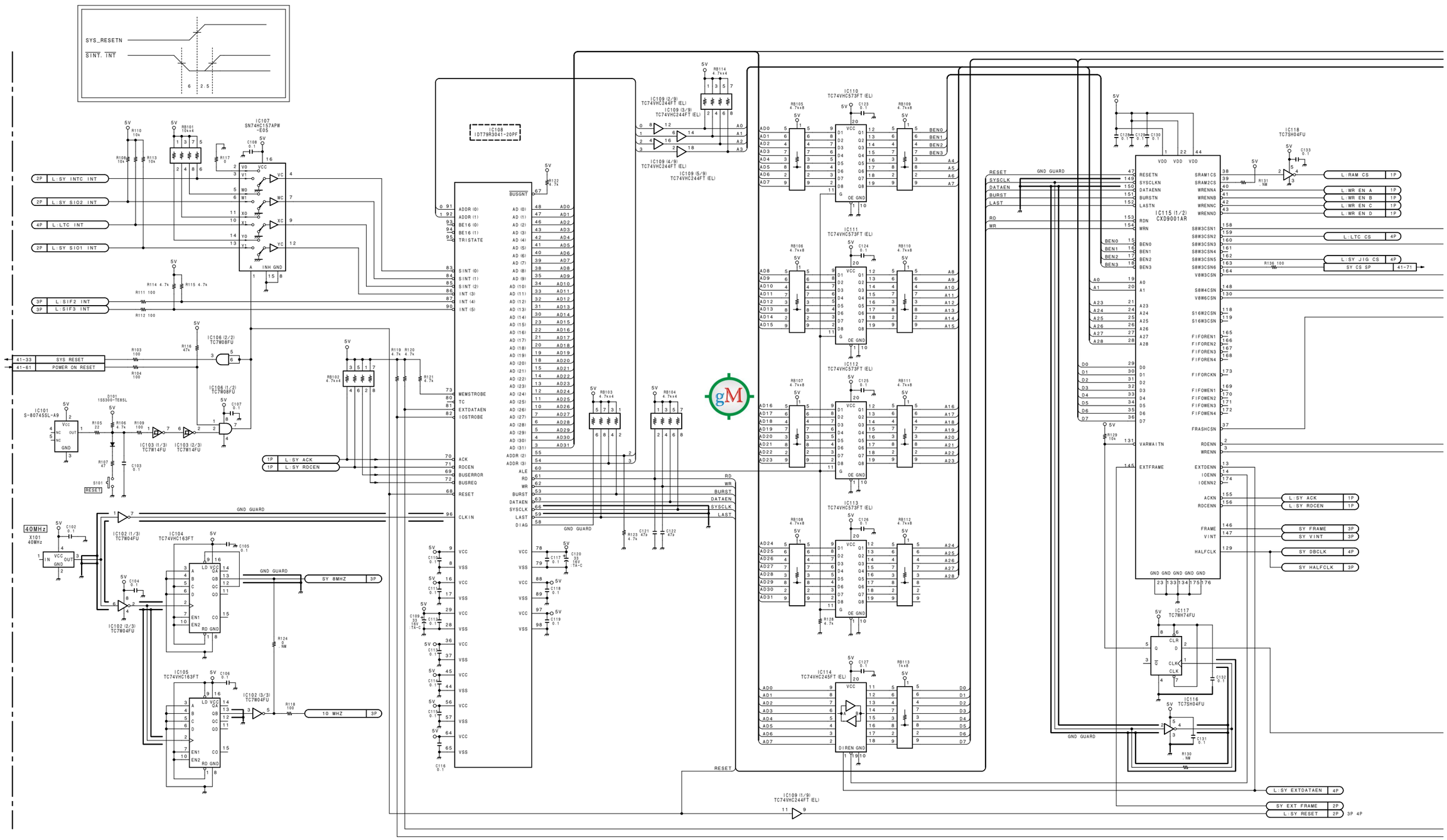


SERVO CONTROL, MOTOR DRIVER, SENSORS

SV-206 (8/8)

BOARD NO. 1-673-531-11, 12
LOT NO. 812-

BVW-55_SV-206_012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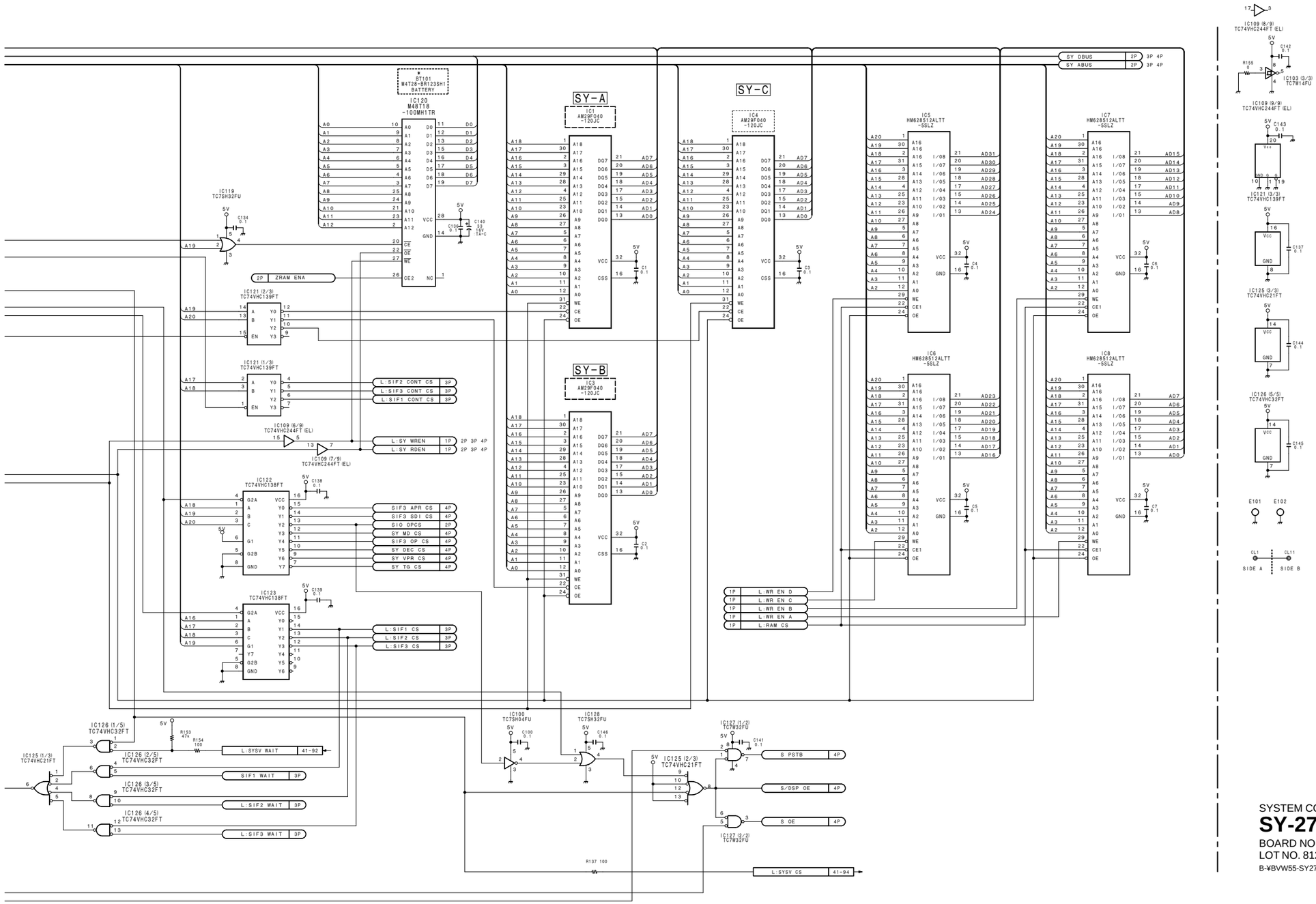
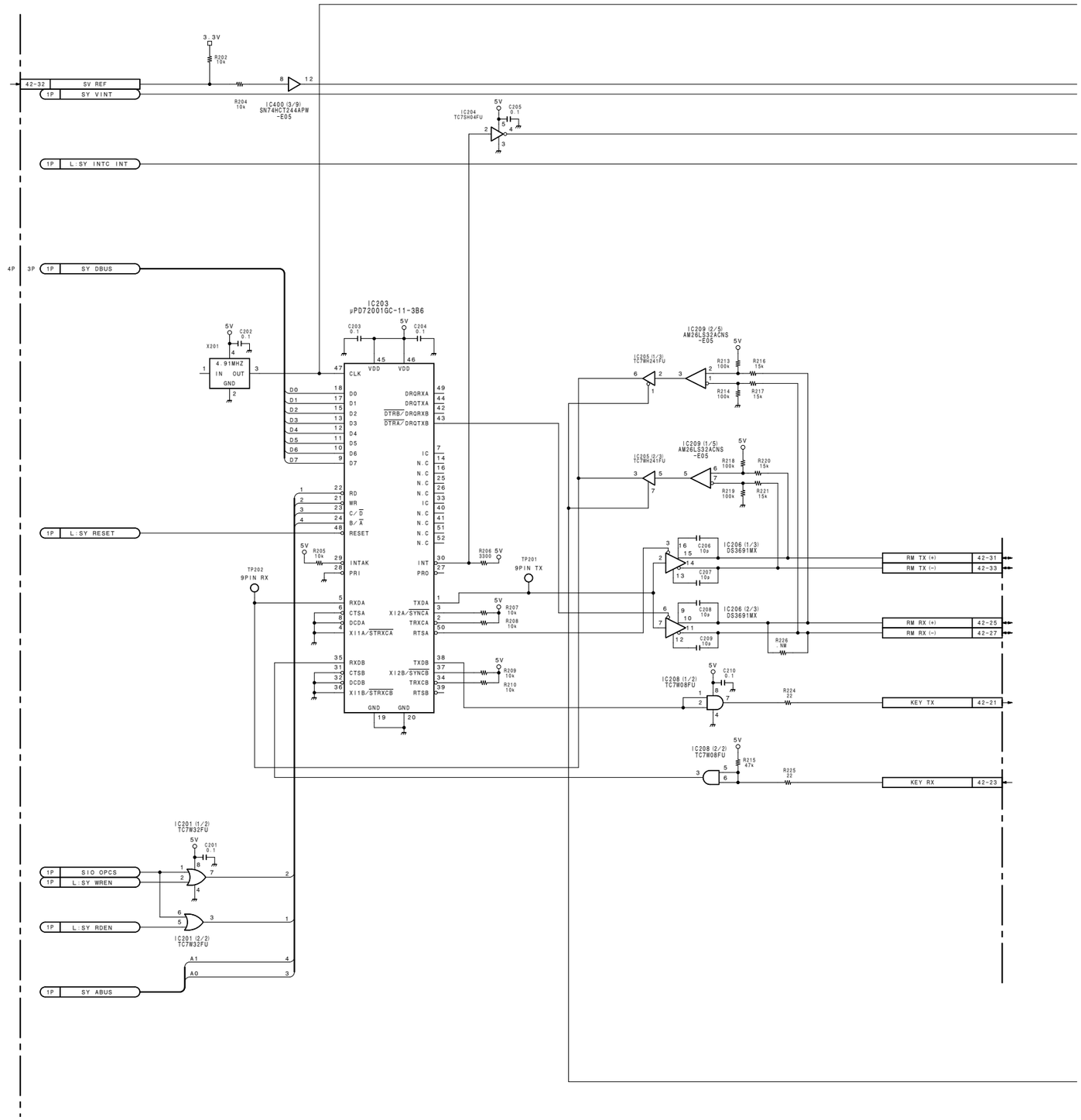
SINT. INT
IC107 SN74HC157APW-EO5
IC108 IDT79R3041-20PF
IC109 (2/9) TC74VHC244FT (EL)
IC109 (3/9) TC74VHC244FT (EL)
IC109 (4/9) TC74VHC244FT (EL)
IC109 (5/9) TC74VHC244FT (EL)
IC110 TC74VHC573FT (EL)
IC111 TC74VHC573FT (EL)
IC112 TC74VHC573FT (EL)
IC113 TC74VHC573FT (EL)
IC114 TC74VHC245FT (EL)
IC115 (1/2) CXD9001AR
IC116 TC7SH04FU
IC117 TC7MH74FU
IC118 TC7SH04FU
IC101 S-80745SL-A9
IC102 (1/3) TC7W04FU
IC102 (2/3) TC7W04FU
IC102 (3/3) TC7W04FU
IC103 (1/3) TC7W14FU
IC103 (2/3) TC7W14FU
IC104 TC74VHC163FT
IC105 TC74VHC163FT
IC106 (1/2) TC7W08FU
IC106 (2/2) TC7W08FU
L:SY INTC INT
L:SY SIO2 INT
L:LTC INT
L:SY SIO1 INT
L:SIF2 INT
L:SIF3 INT
SYS RESET
POWER ON RESET
L:SY ACK
L:SY RDCEN
40MHz
SY 8MHZ 3P
10 MHZ 3P
GND GUARD
RESET
SYSCLK
DATAEN
BURST
LAST
RD
WR
L:RAM CS 1P
L:WR EN A 1P
L:WR EN B 1P
L:WR EN C 1P
L:WR EN D 1P
L:LTC CS 4P
L:SY JIG CS 4P
SY CS SP 41-71
L:SY ACK 1P
L:SY RDCEN 1P
SY FRAME 3P
SY VINT 3P
SY DBCLK 4P
SY HALFCLK 3P
L:SY EXTDATAEN 4P
SY EXT FRAME 2P
L:SY RESET 2P 3P 4P

SY-272 (1/4)

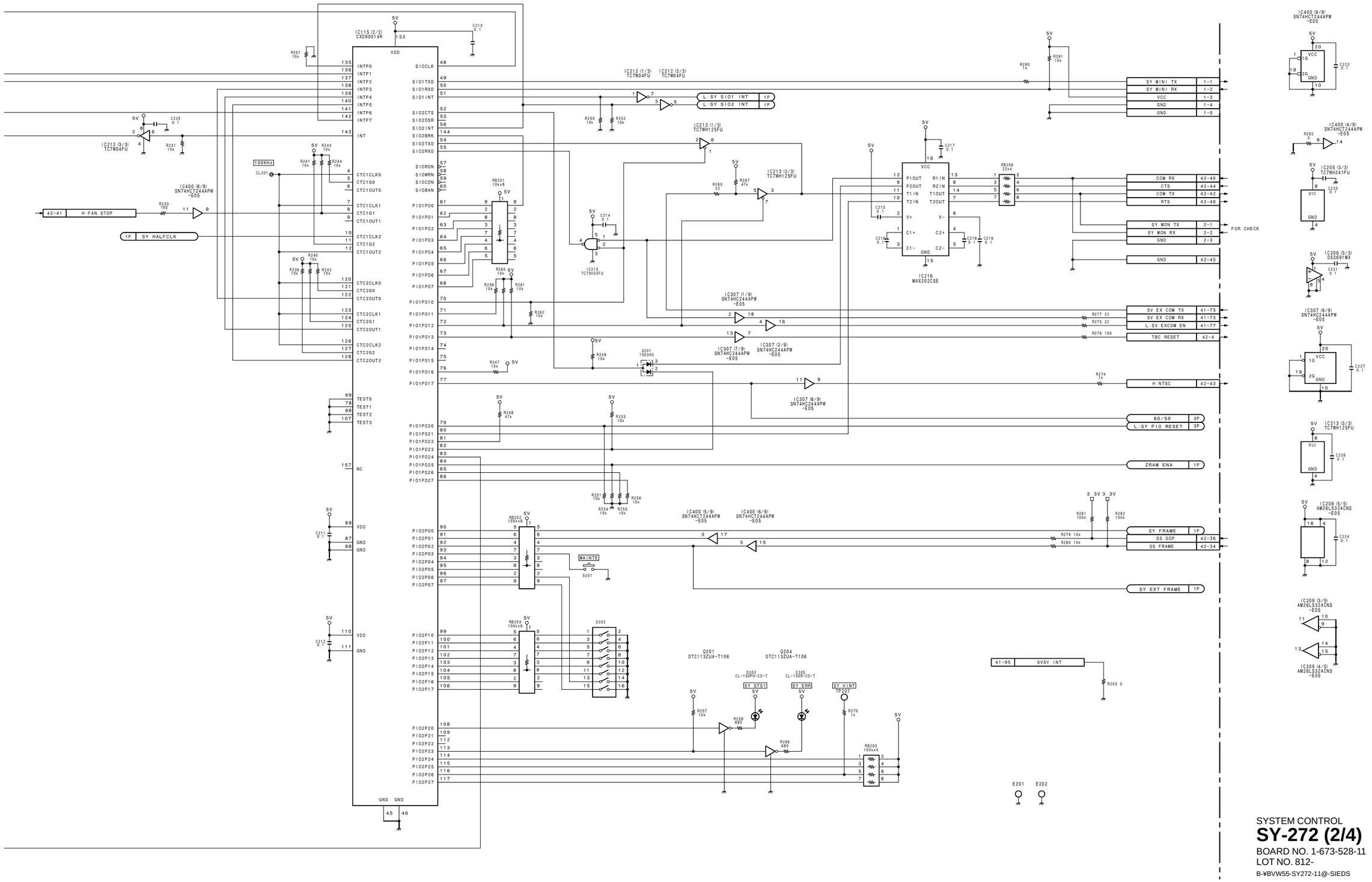


SYSTEM CONTROL
SY-272 (1/4)
BOARD NO. 1-673-528-11
LOT NO. 812-
B-¥BVW55-SY272-11@-SIEDS

SY-272 (2/4)



4-122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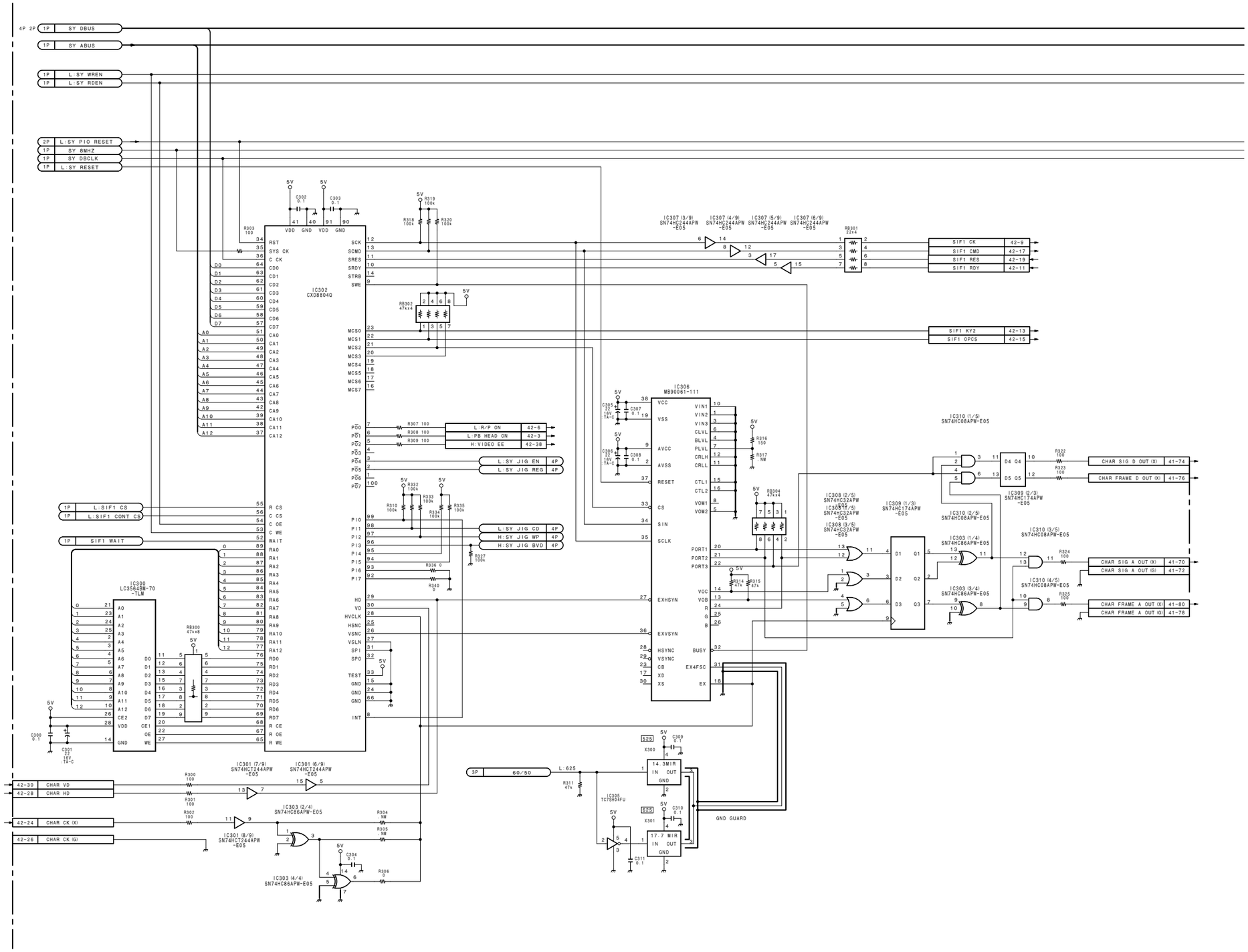
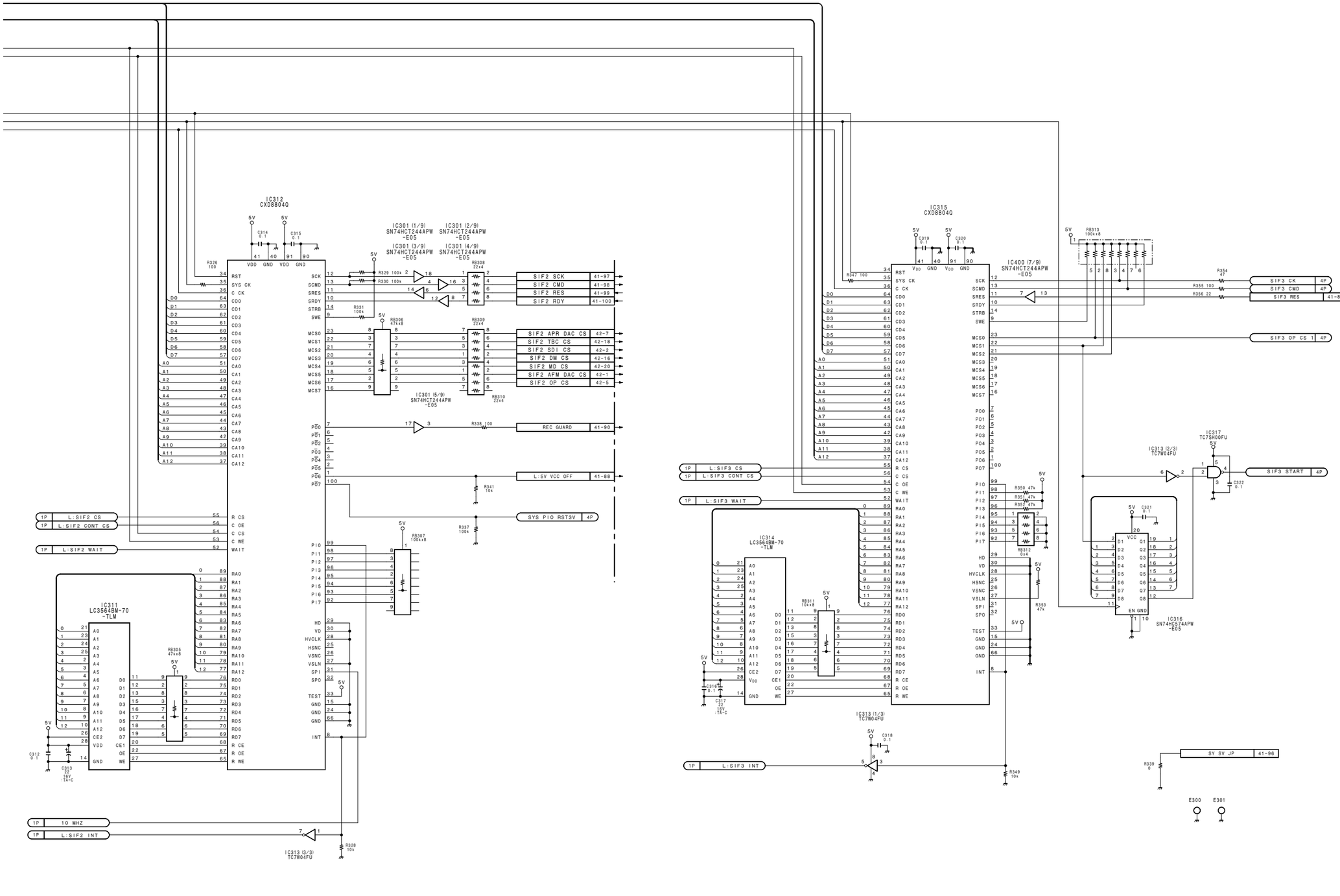
IC212 (1/3) TC7W04FU
IC212 (2/3) TC7W04FU
IC212 (3/3) TC7W04FU
IC213 (1/3) TC7WH125FU
IC213 (2/3) TC7WH125FU
IC213 (3/3) TC7WH125FU
IC400 (8/9) SN74HCT244APW -E05
IC400 (9/9) SN74HCT244APW -E05
IC400 (4/9) SN74HCT244APW -E05
IC400 (5/9) SN74HCT244APW -E05
IC400 (6/9) SN74HCT244APW -E05
IC205 (3/3) TC7WH241FU
IC206 (3/3) DS3691MX
IC209 (3/5) AM26LS32ACNS -E05
IC209 (4/5) AM26LS32ACNS -E05
IC209 (5/5) AM26LS32ACNS -E05
IC215 TC75H32FU
IC216 MAX202CSE
IC307 (1/9) SN74HC244APW -E05
IC307 (2/9) SN74HC244APW -E05
IC307 (7/9) SN74HC244APW -E05
IC307 (8/9) SN74HC244APW -E05
IC307 (9/9) SN74HC244APW -E05
Q201 DTC113ZUA-T106
Q204 DTC113ZUA-T106
D201 1SS300
S201 MAINTE
S202
RB201 10kx8
RB203 100kx8
RB205 100kx4
RB206 22x4
100KHz
42-41 H:FAN STOP
1P SY HALFCLK
L:SY SIO1 INT 1P
L:SY SIO2 INT 1P
SY MINI TX 1-1
SY MINI RX 1-2
VCC 1-3
GND 1-4
GND 1-5
COM RX 42-40
CTS 42-44
COM TX 42-42
RTS 42-46
SY MON TX 2-1
SY MON RX 2-2
GND 2-3
GND 42-45
FOR CHECK
SV EX COM TX 41-75
SV EX COM RX 41-73
L:SV EXCOM EN 41-77
TBC RESET 42-4
H:NTSC 42-43
60/50 3P
L:SY PIO RESET 3P
ZRAM ENA 1P
SY FRAME 1P
SS GOP 42-36
SS FRAME 42-34
SY EXT FRAME 1P
41-95 SVSY INT
SY STS1
SY ERR
SY VINT TP207
E201 E202
SYSTEM CONTROL
SY-272 (2/4)
BOARD NO. 1-673-528-11
LOT NO. 812-
B-¥BVW55-SY272-11@-SIEDS

SY-272 (3/4)

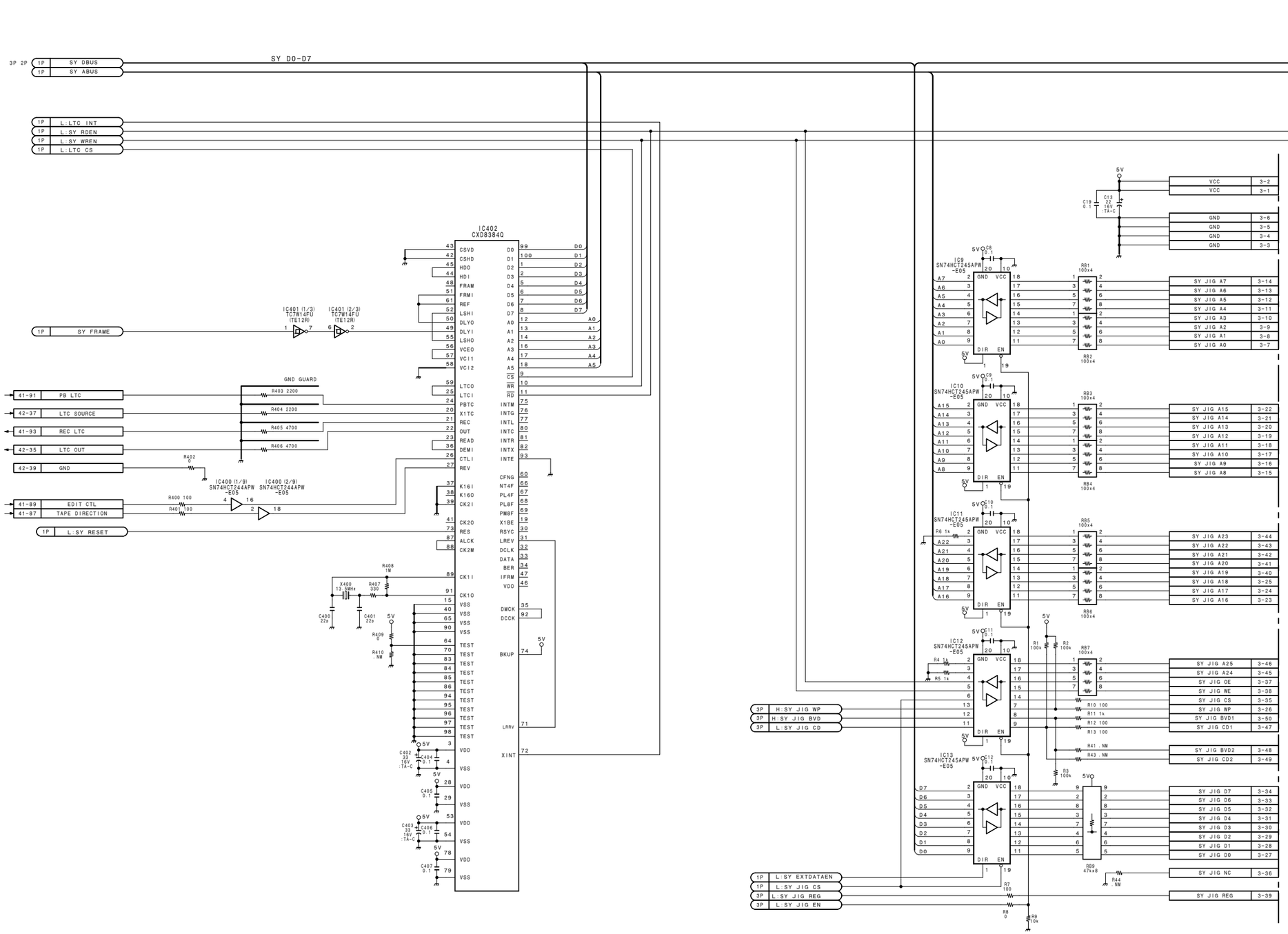


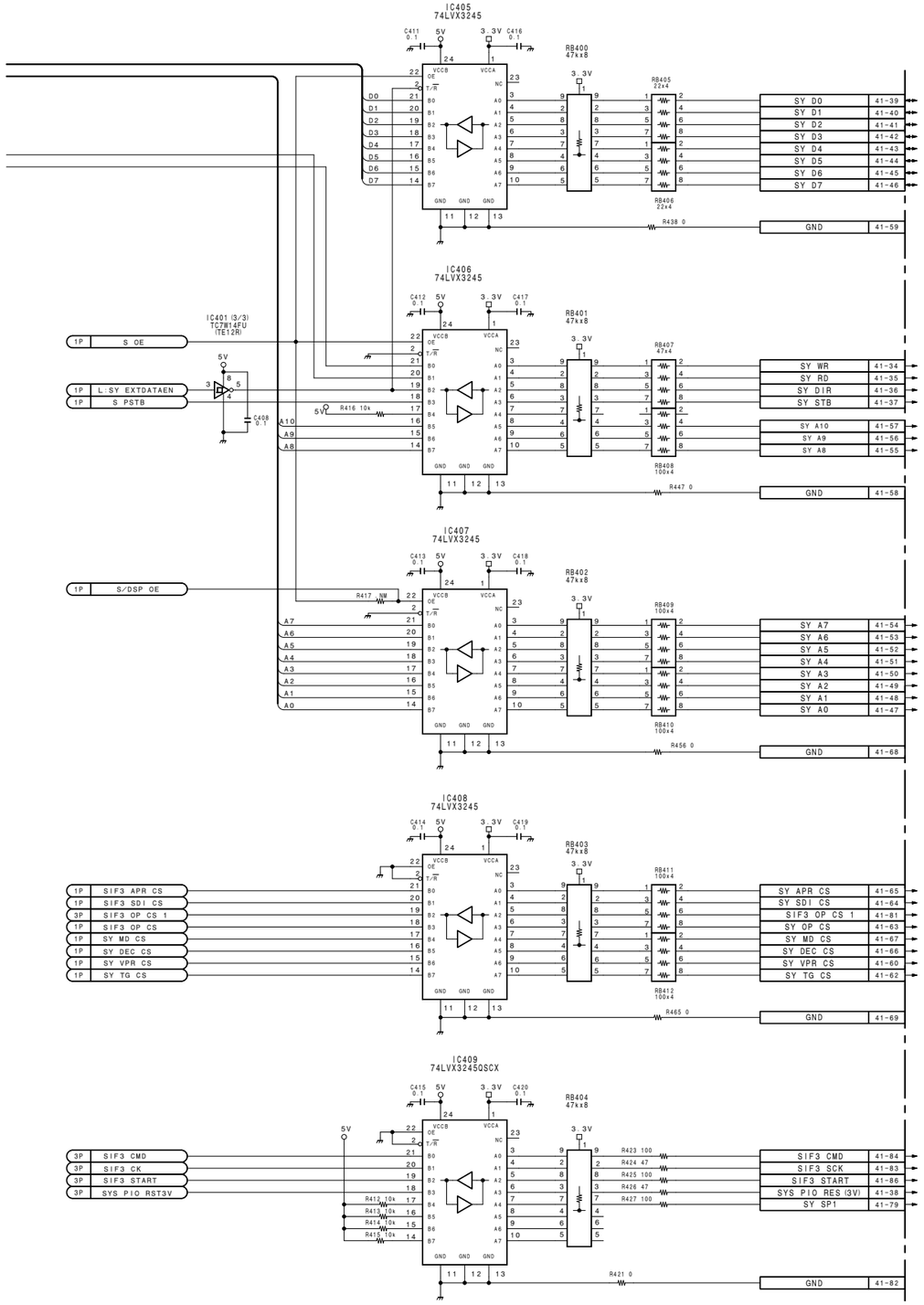
4-124

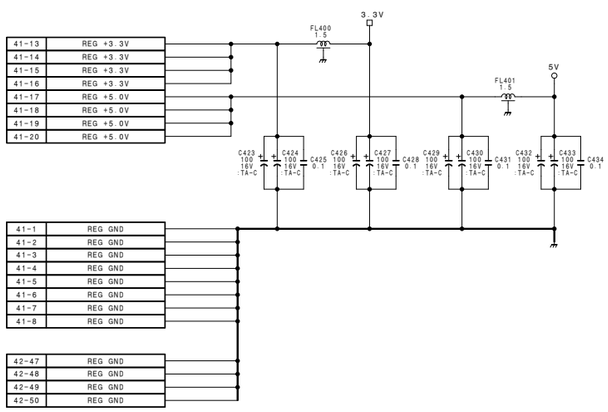
http://getMANUAL.com



SYSTEM CONTROL
SY-272 (3/4)
BOARD NO. 1-673-528-11
LOT NO. 812-
B-¥BVW55-SY272-11@-SIEDS

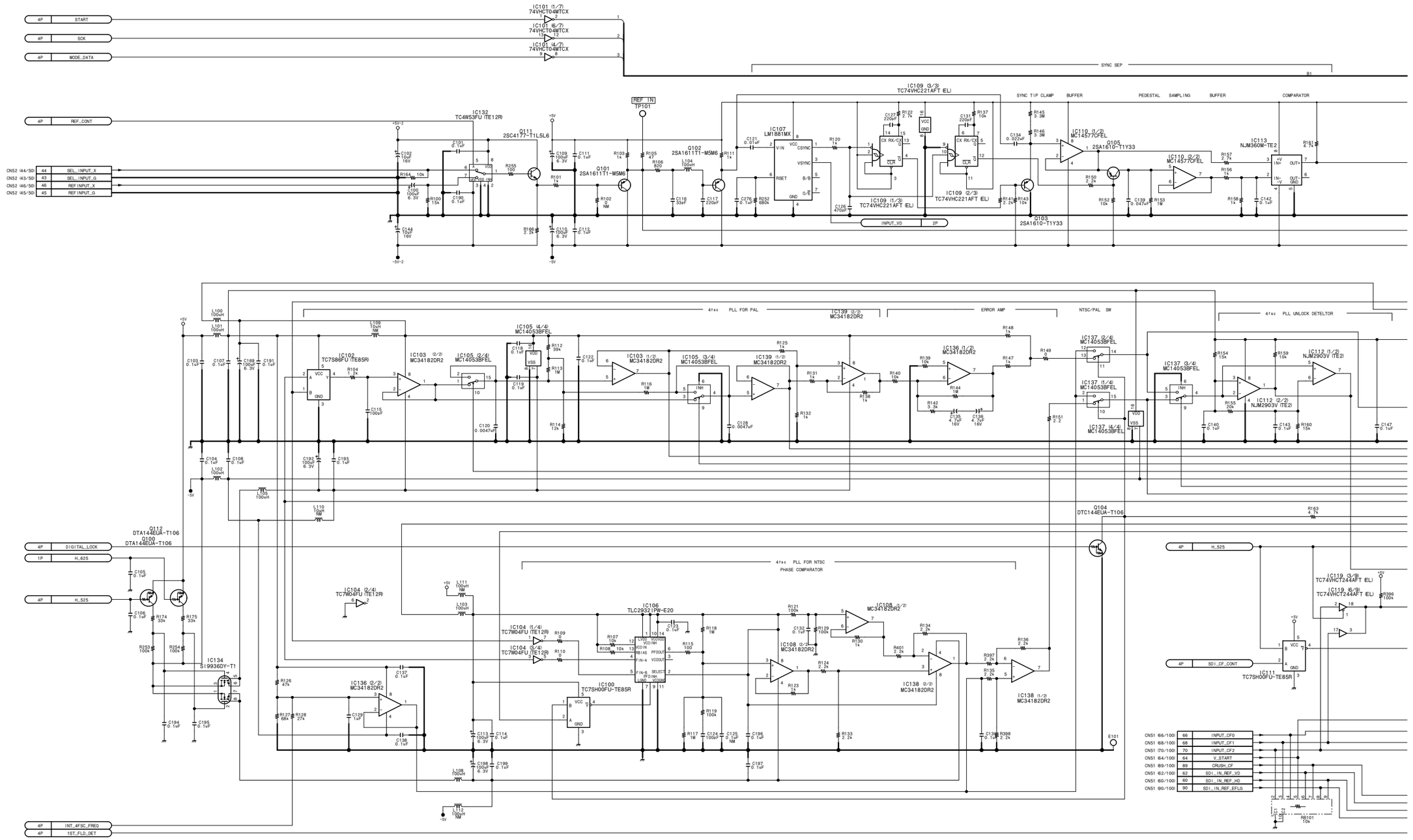

SY D0-D7
SY DBUS
SY ABUS
L:LTC INT
L:SY RDEN
L:SY WREN
L:LTC CS
SY FRAME
PB LTC
LTC SOURCE
REC LTC
LTC OUT
GND
EDIT CTL
TAPE DIRECTION
L:SY RESET
GND GUARD
IC402
CXD8884Q
IC401 (1/3) TC7W14FU (TE12R)
IC401 (2/3) TC7W14FU (TE12R)
IC400 (1/9) SN74HCT244APW -E05
IC400 (2/9) SN74HCT244APW -E05
X400 13.5MHz
5V
IC9 SN74HCT245APW -E05
IC10 SN74HCT245APW -E05
IC11 SN74HCT245APW -E05
IC12 SN74HCT245APW -E05
IC13 SN74HCT245APW -E05
SY JIG A7
SY JIG A6
SY JIG A5
SY JIG A4
SY JIG A3
SY JIG A2
SY JIG A1
SY JIG A0
SY JIG A15
SY JIG A14
SY JIG A13
SY JIG A12
SY JIG A11
SY JIG A10
SY JIG A9
SY JIG A8
SY JIG A23
SY JIG A22
SY JIG A21
SY JIG A20
SY JIG A19
SY JIG A18
SY JIG A17
SY JIG A16
SY JIG A25
SY JIG A24
SY JIG OE
SY JIG WE
SY JIG CS
SY JIG WP
SY JIG BVD1
SY JIG CD1
SY JIG BVD2
SY JIG CD2
SY JIG D7
SY JIG D6
SY JIG D5
SY JIG D4
SY JIG D3
SY JIG D2
SY JIG D1
SY JIG D0
SY JIG NC
SY JIG REG
H:SY JIG WP
H:SY JIG BVD
L:SY JIG CD
L:SY EXTDATAEN
L:SY JIG CS
L:SY JIG REG
L:SY JIG EN





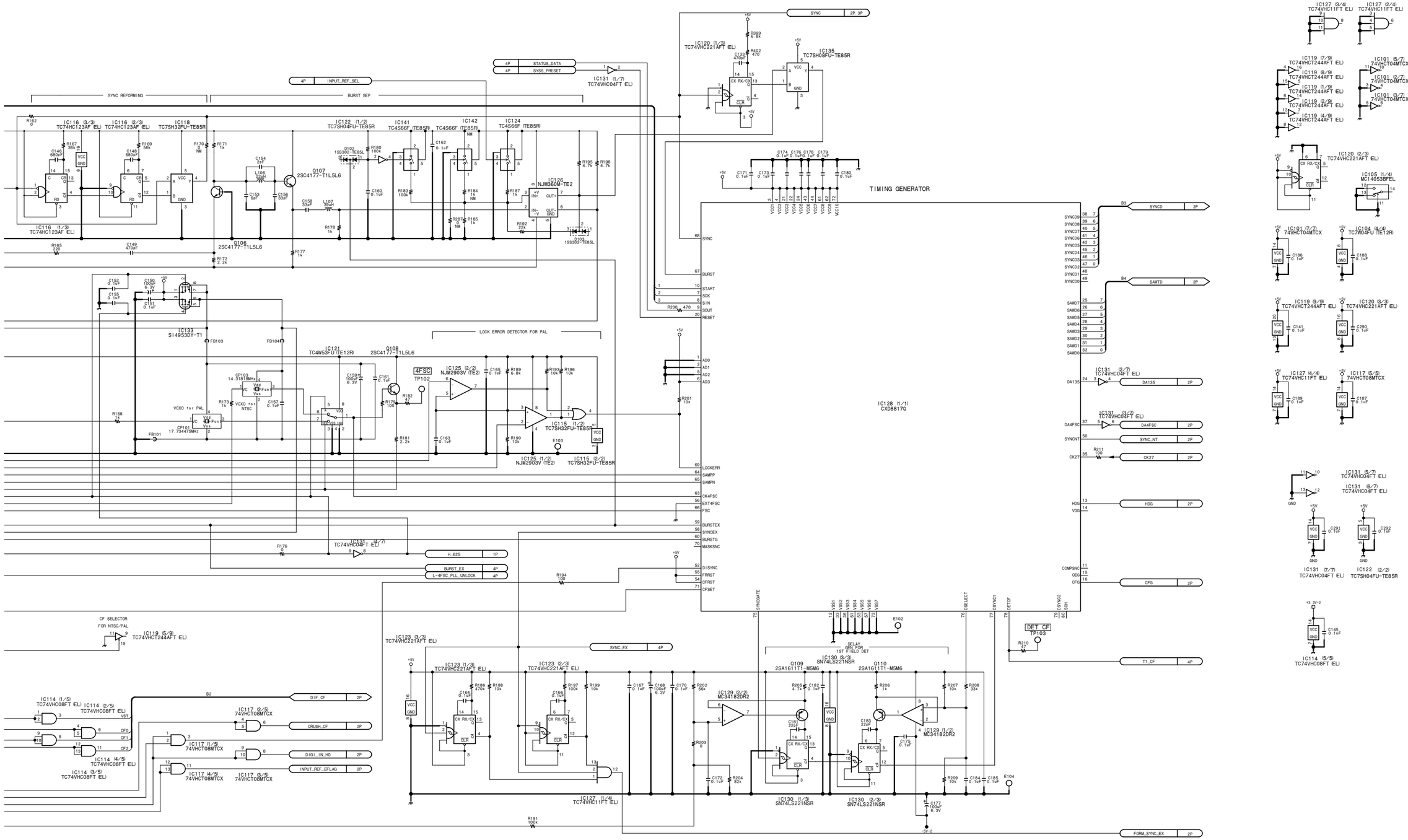
SYSTEM CONTROL
SY-272 (4/4)
BOARD NO. 1-673-528-11
LOT NO. 812-
B-¥BVW55-SY272-11@-SIEDS

TG-191 (1/4)



4-128 (b)

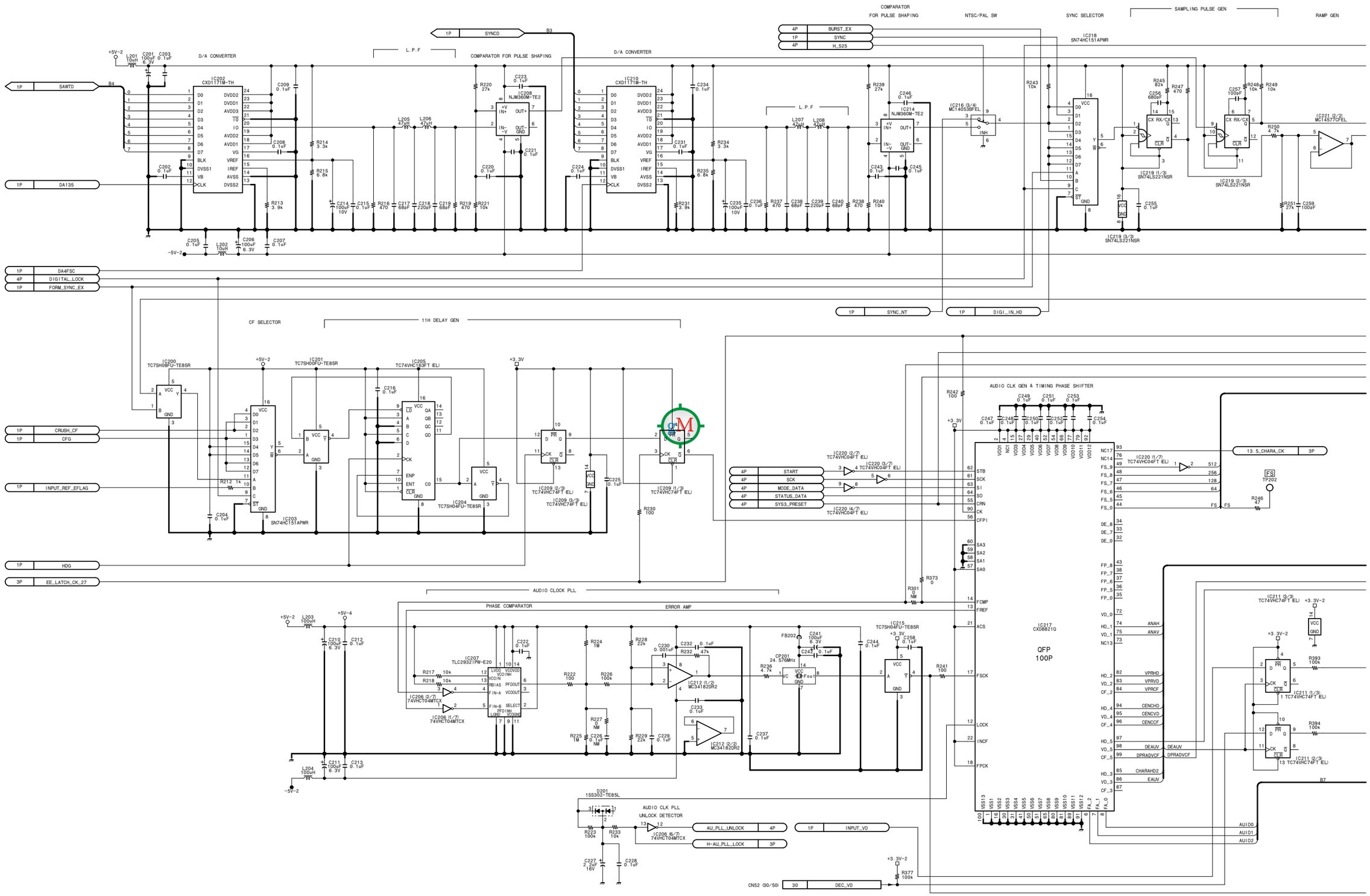
TG-191 (1/4)



REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

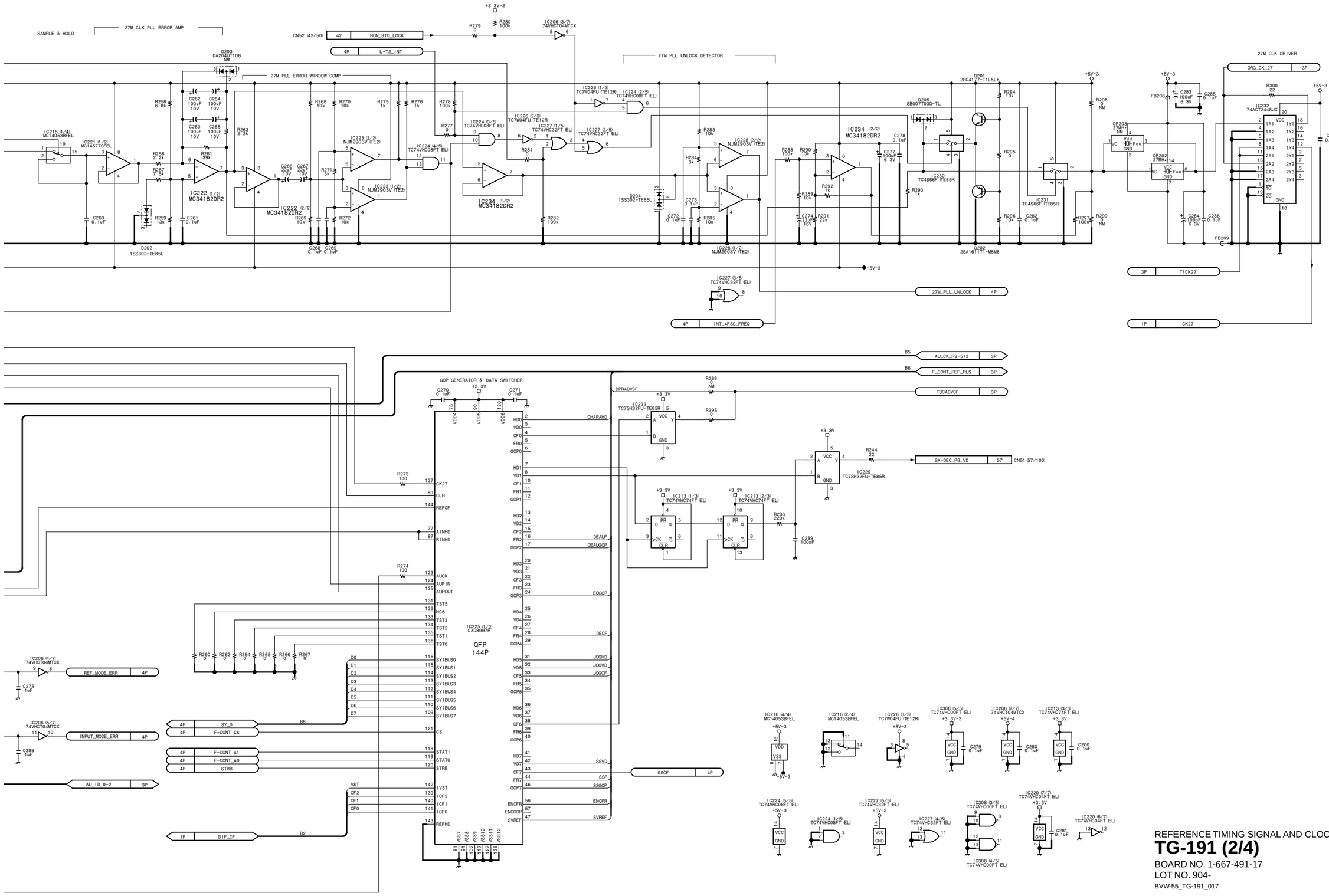
TG-191 (1/4)

BOARD NO. 1-667-491-17
LOT NO. 904-
BVW-55_TG-191_017



4-130 (b) 4-130 (b)

BVW-55

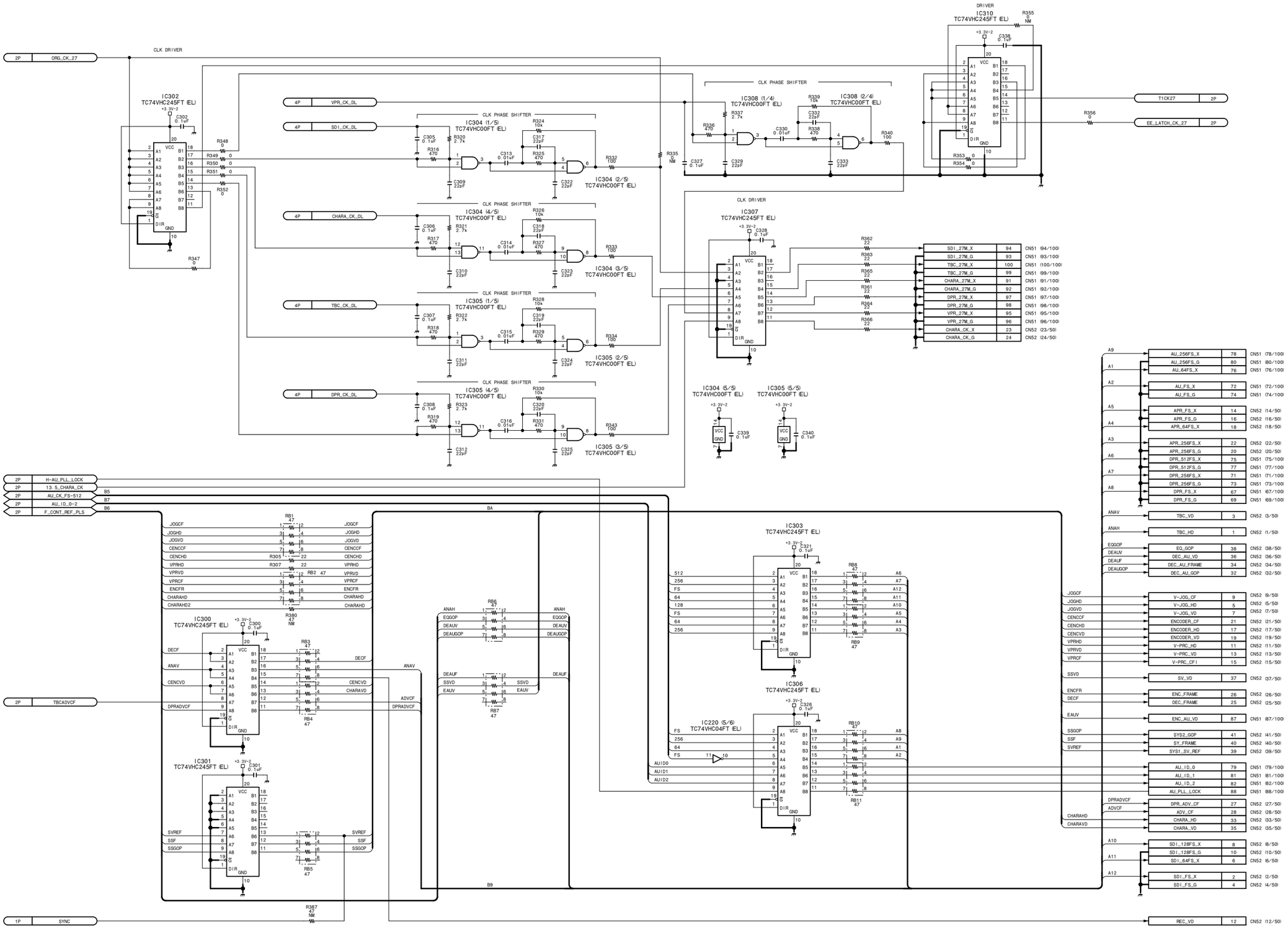


REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191 (2/4)

BOARD NO. 1-667-491-17
LOT NO. 904-
BVW-55_TG-191_017

TG-191 (3/4)

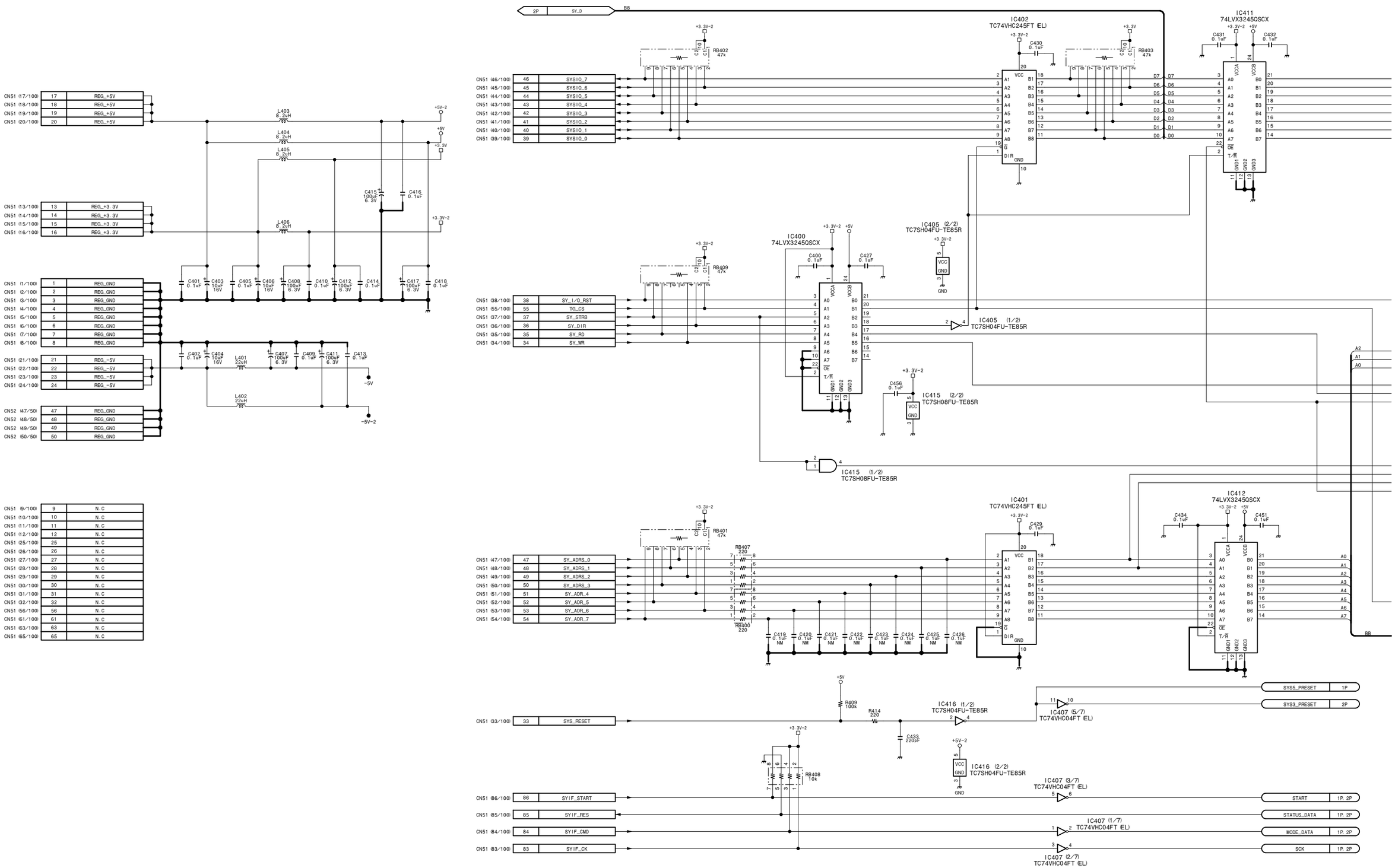


REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191 (3/4)

BOARD NO. 1-667-491-17
LOT NO. 904-
BVW-55_TG-191_017

TG-191 (4/4)



4-134 (b)

4-134 (b)

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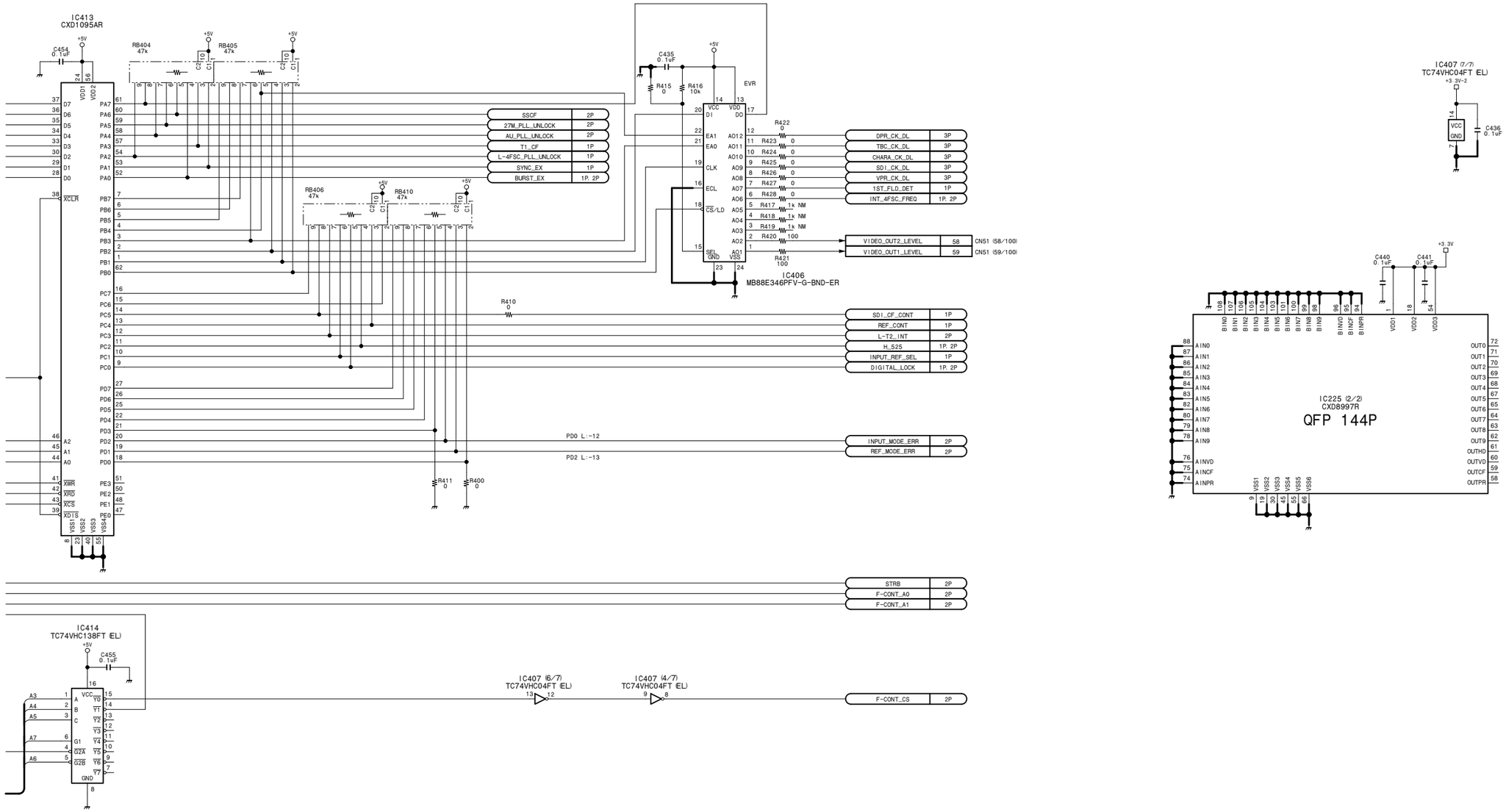
TG-191 (4/4)



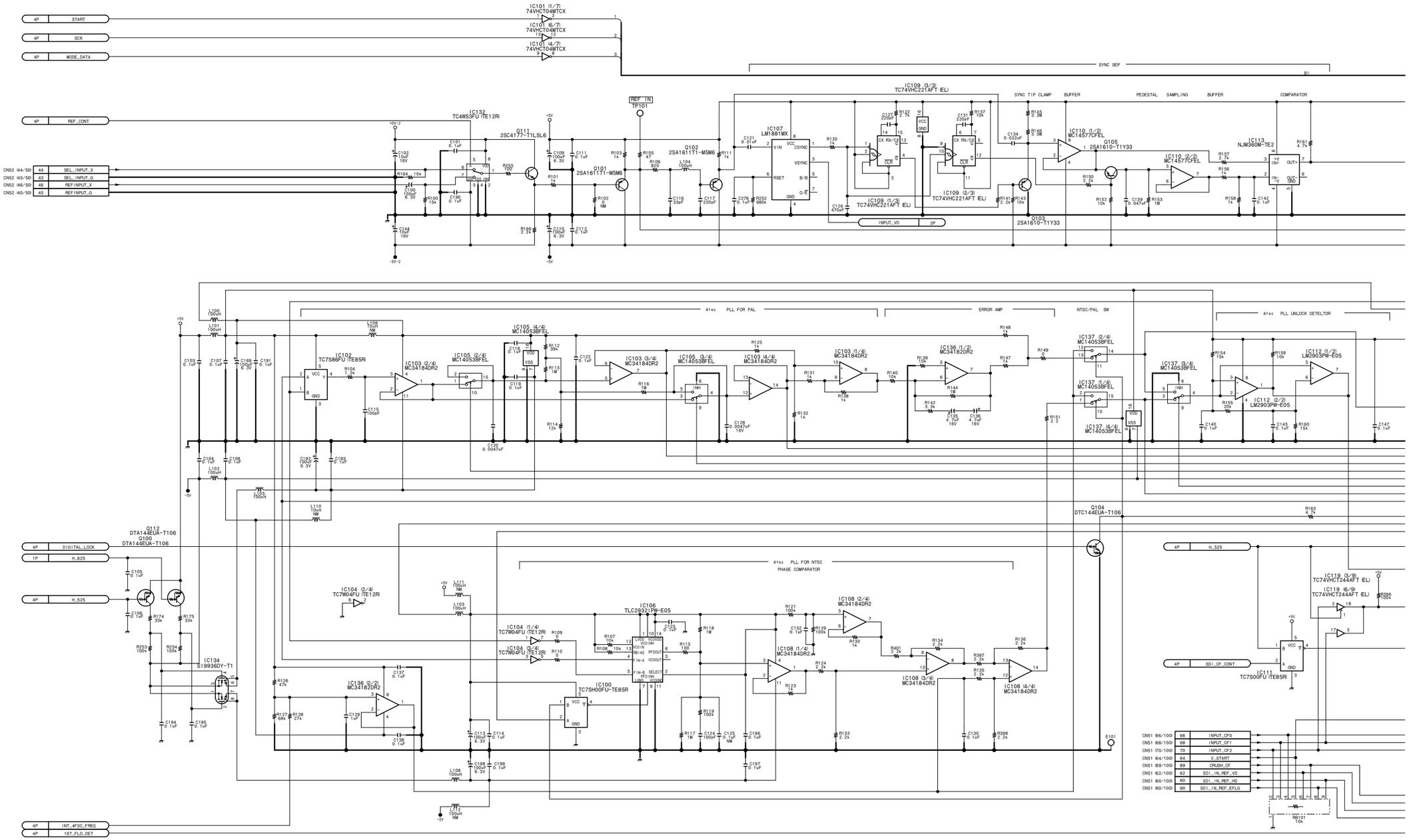
REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191 (4/4)

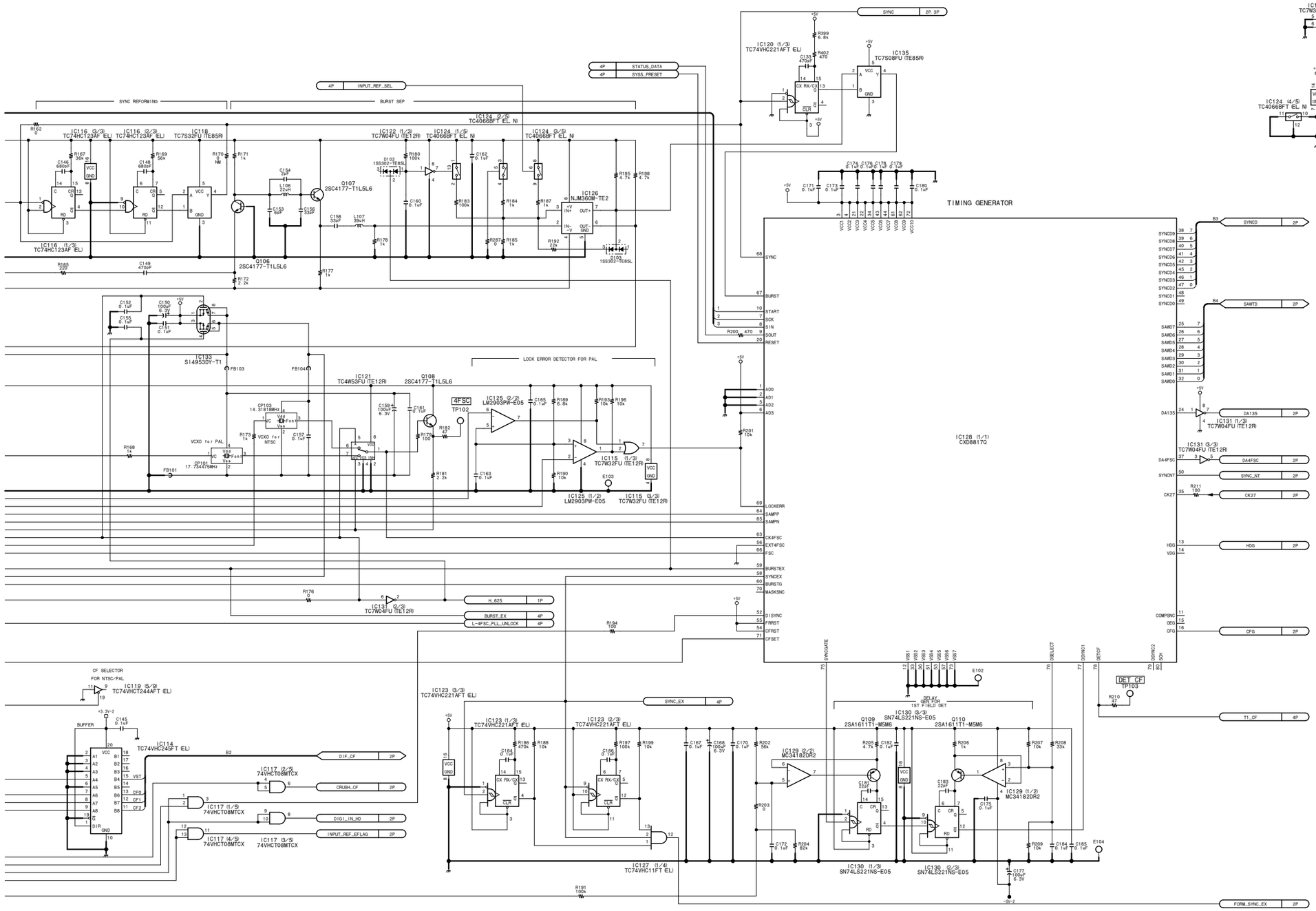
BOARD NO. 1-667-491-17
LOT NO. 904-

BVW-55_TG-191_017

TG-191 (1/4)



4-128 (a)



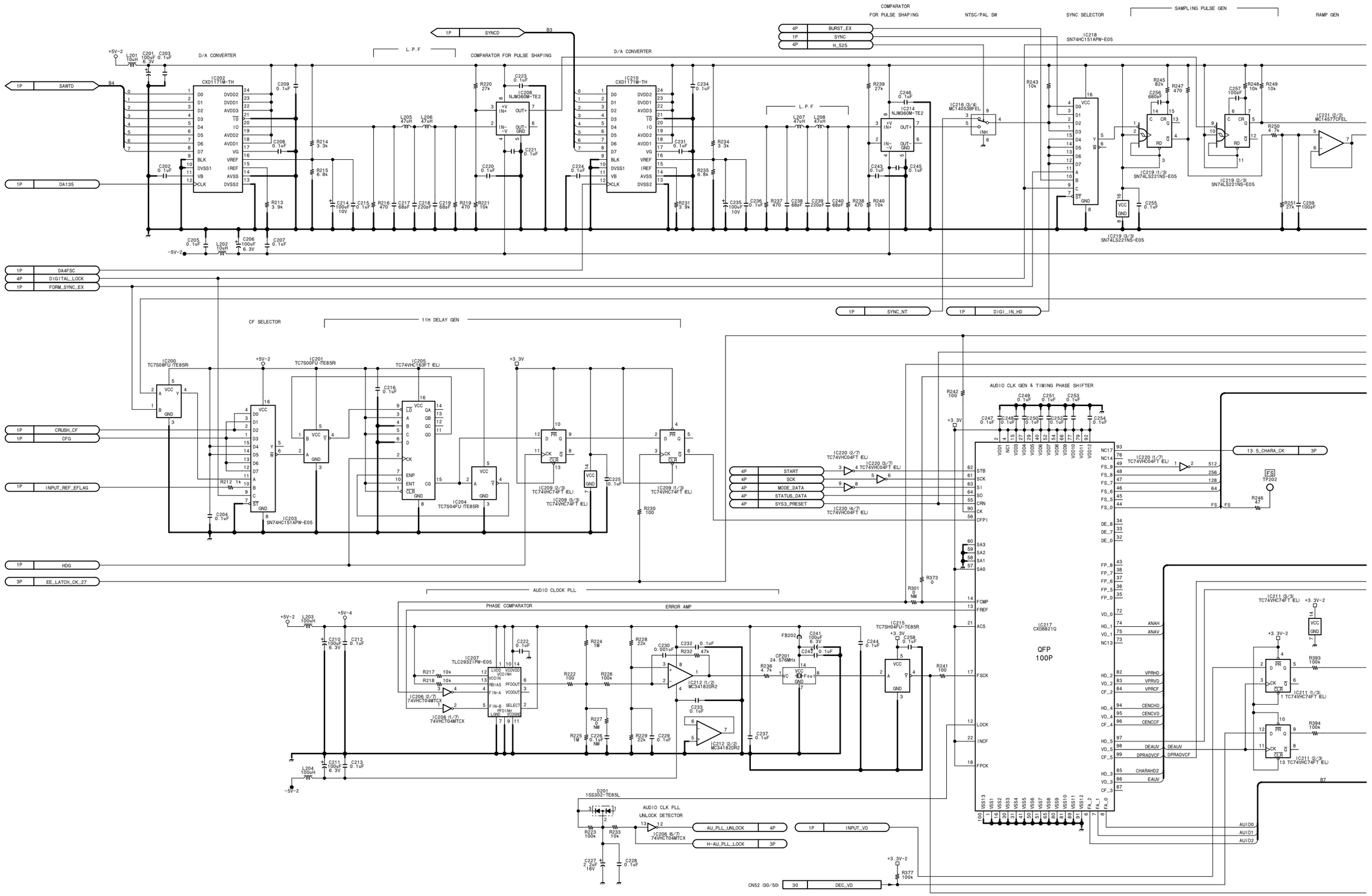
REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191 (1/4)

BOARD NO. 1-667-491-15

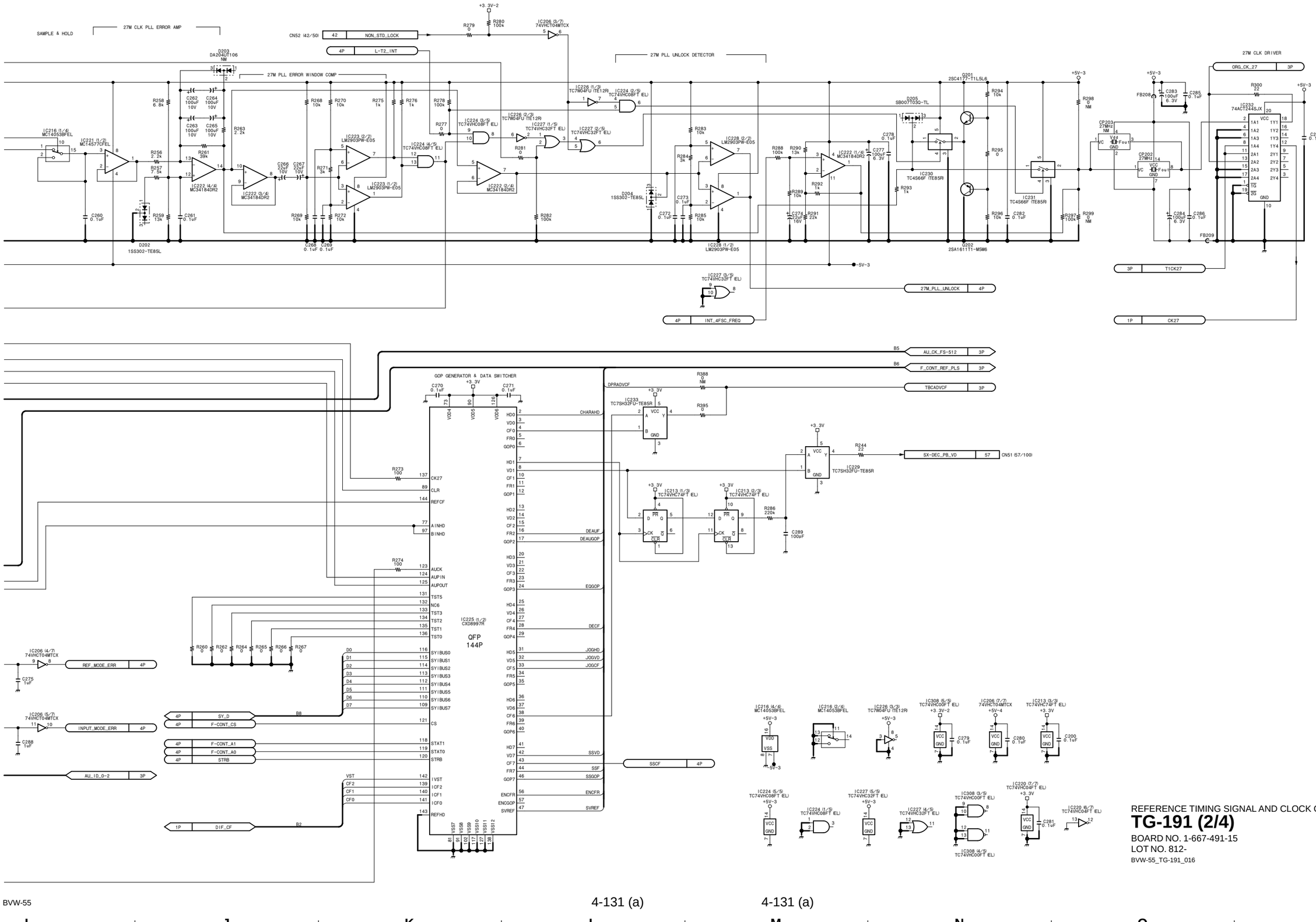
LOT NO. 812-

BVW-55_TG-191_016



4-130 (a) 4-130 (a)

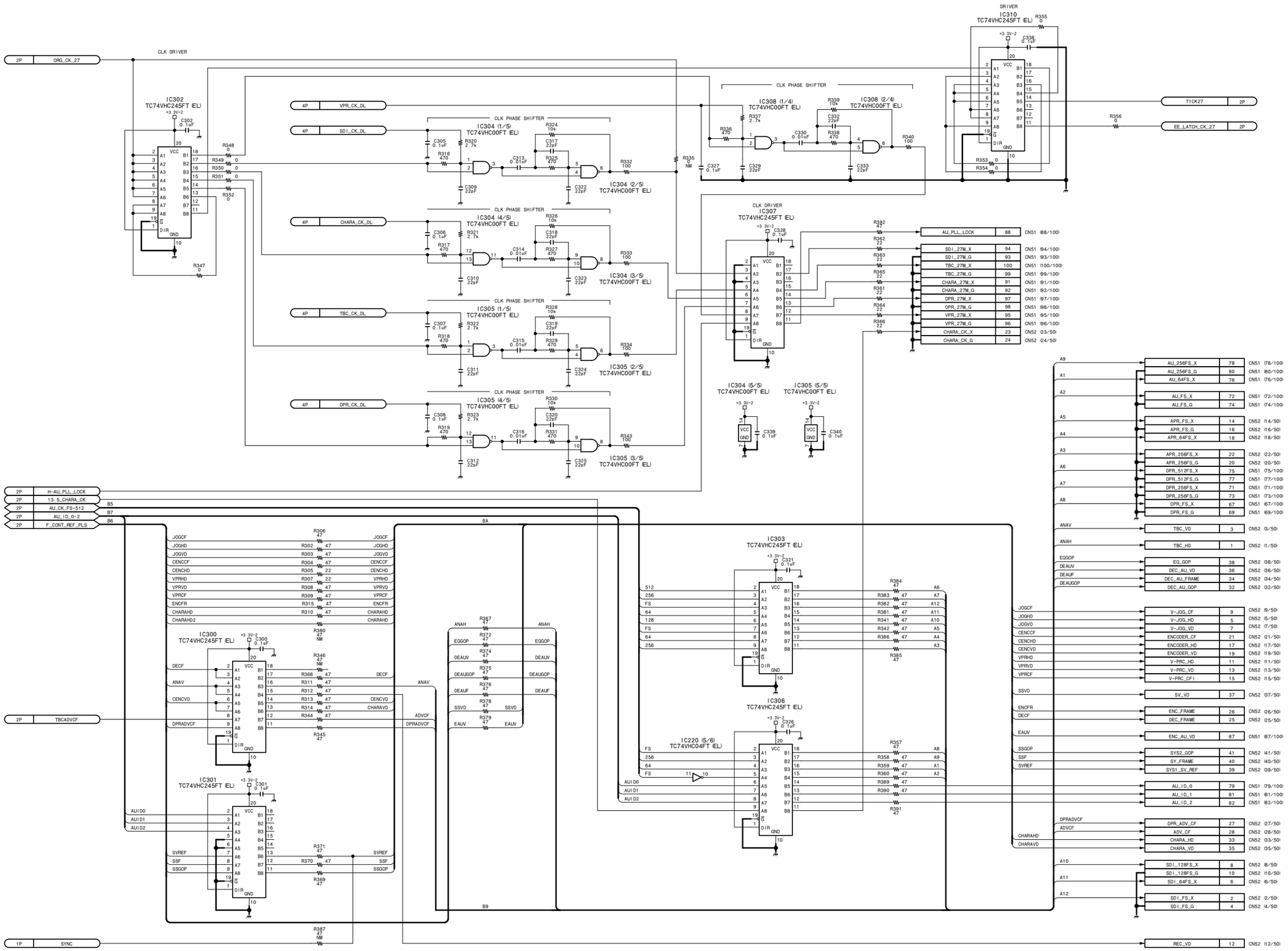
BVW-55



REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191 (2/4)

BOARD NO. 1-667-491-15
LOT NO. 812-
BVW-55_TG-191_016



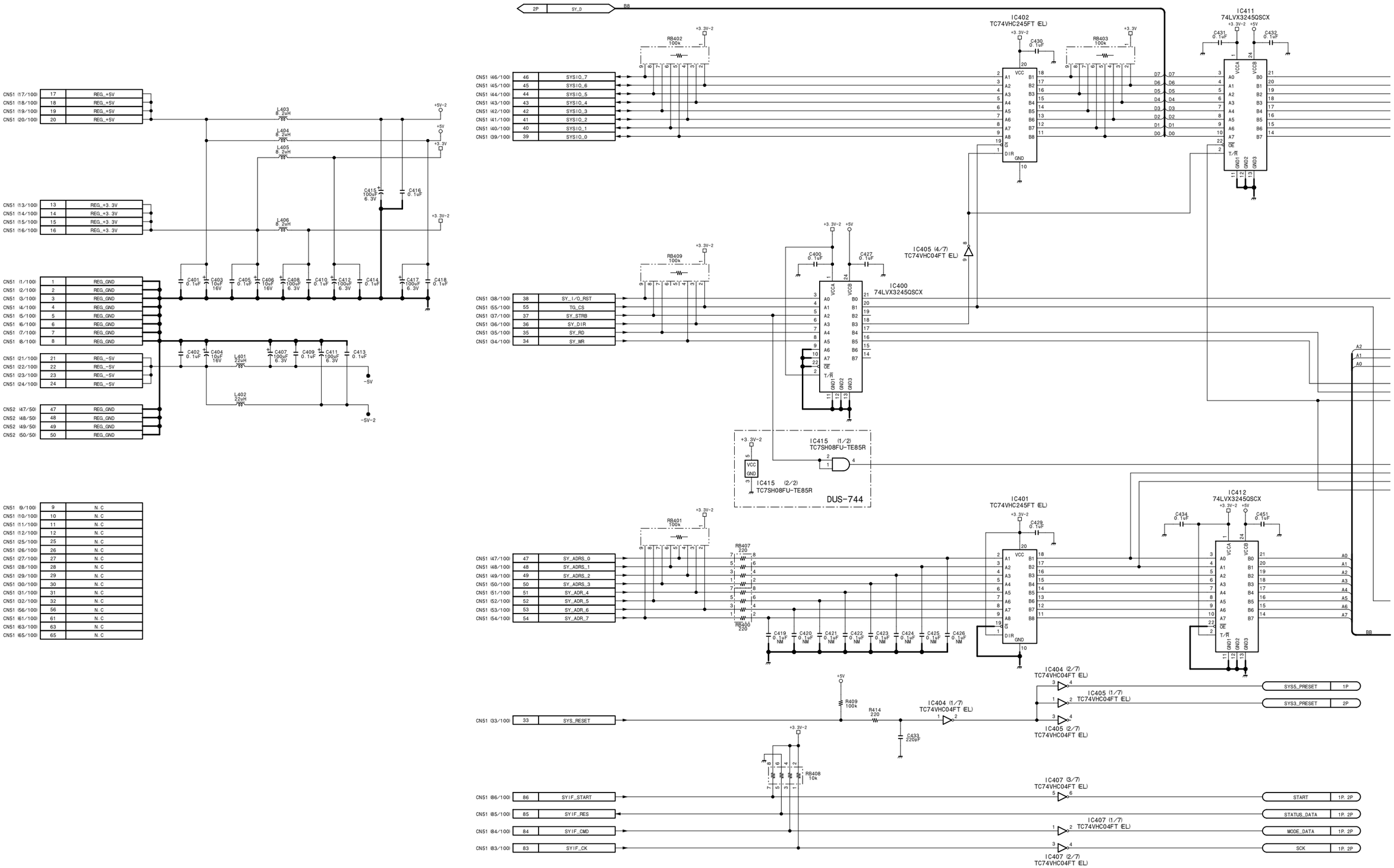
REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191 (3/4)

BOARD NO. 1-667-491-15
LOT NO. 812-

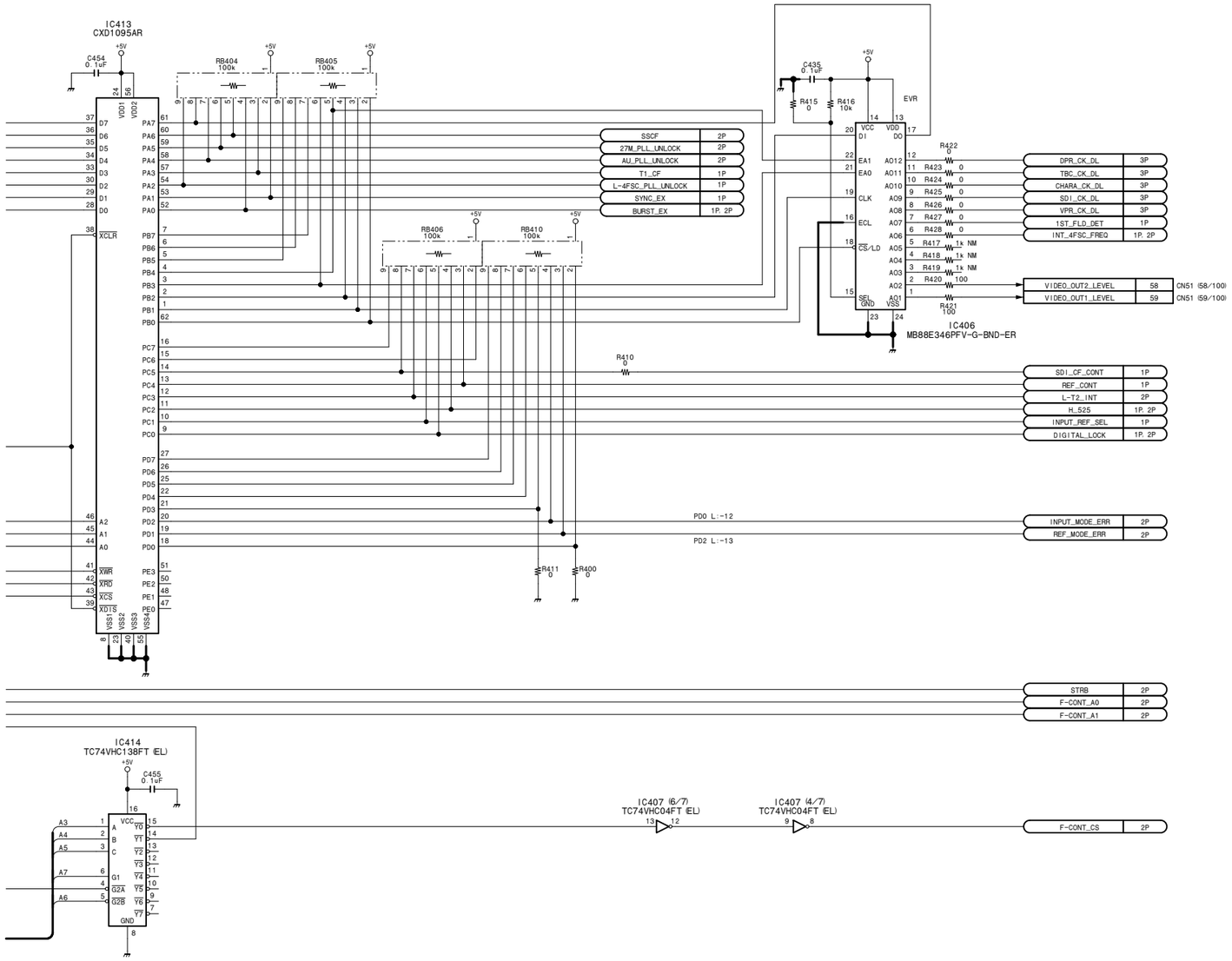
BVW-55_TG-191_016

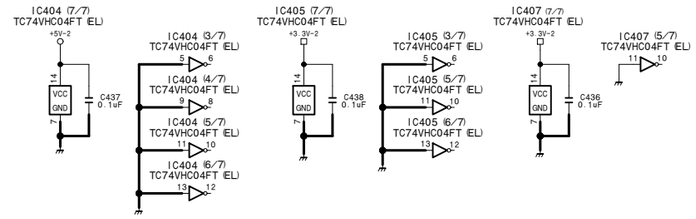
TG-191 (4/4)

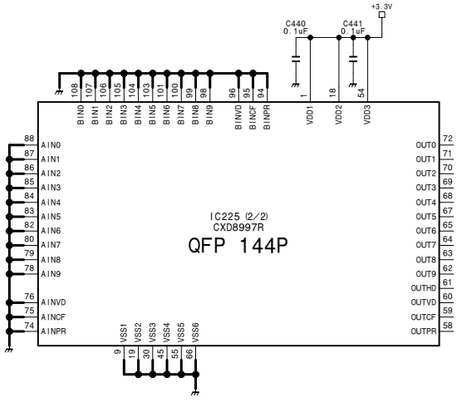


4-134 (a) 4-134 (a)

BVW-55







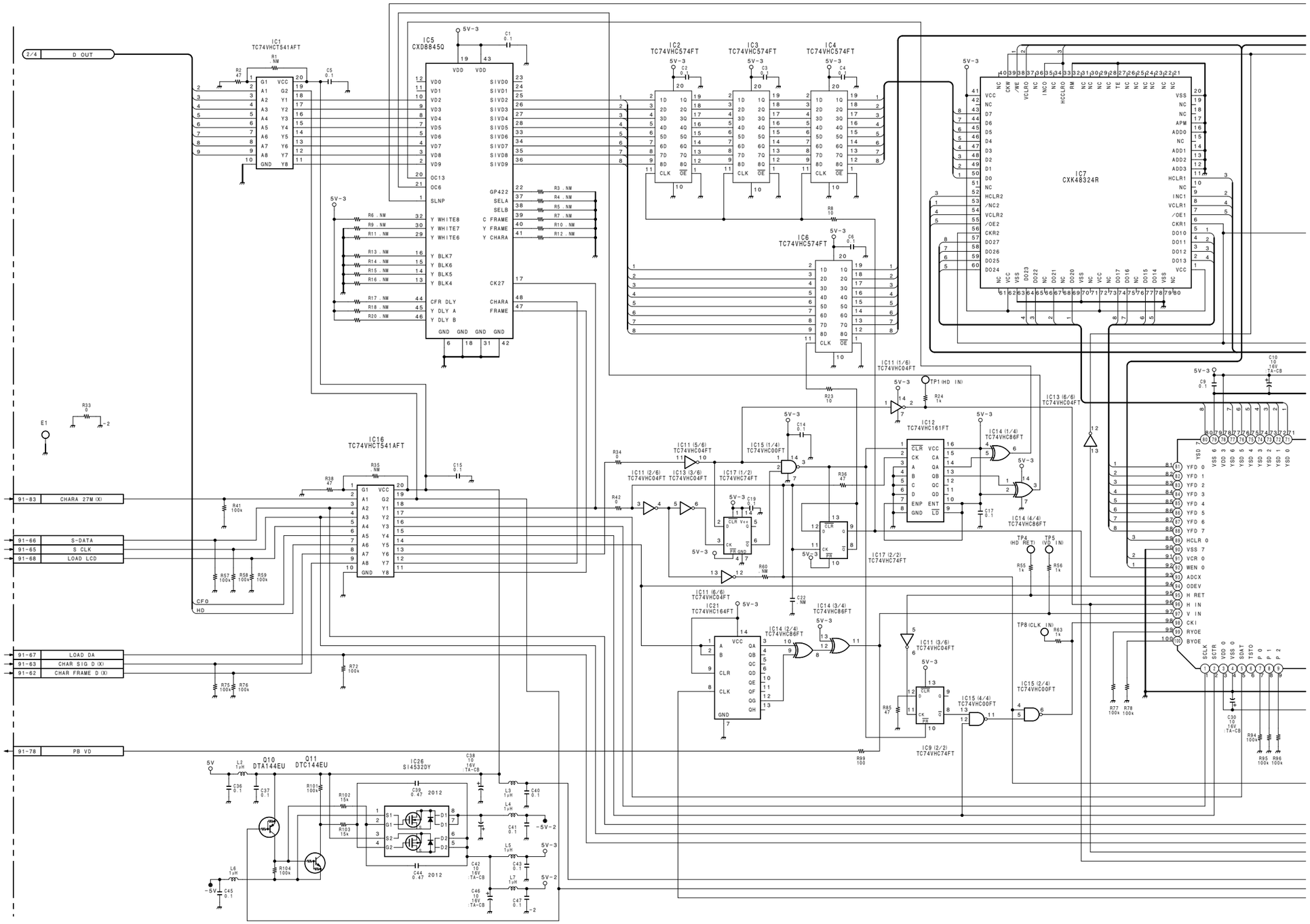
REFERENCE TIMING SIGNAL AND CLOCK GENERATOR

TG-191 (4/4)

BOARD NO. 1-667-491-15
LOT NO. 812-

BVW-55_TG-191_016

VPR-59 (1/4)



4-136

BVW-55

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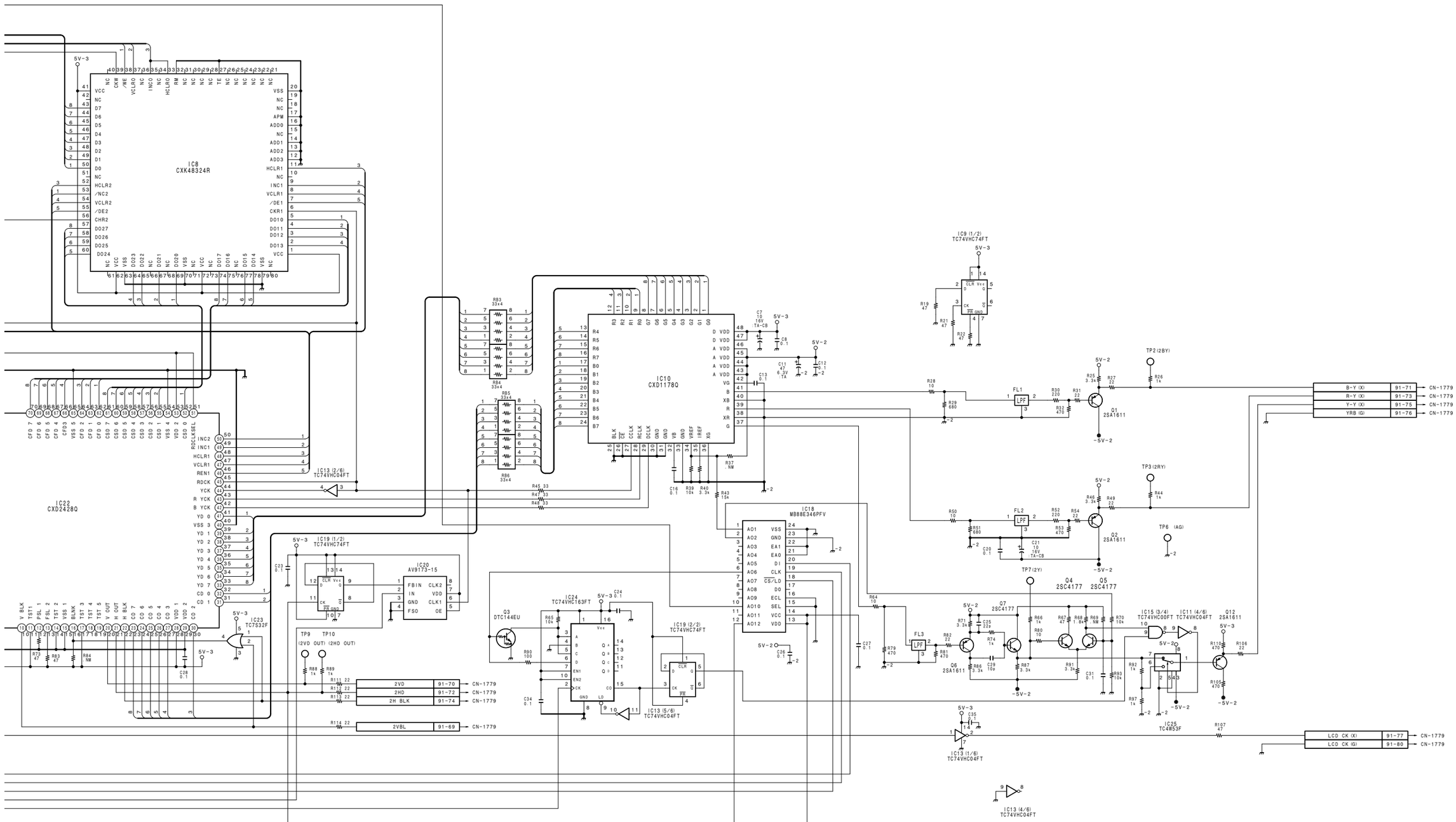
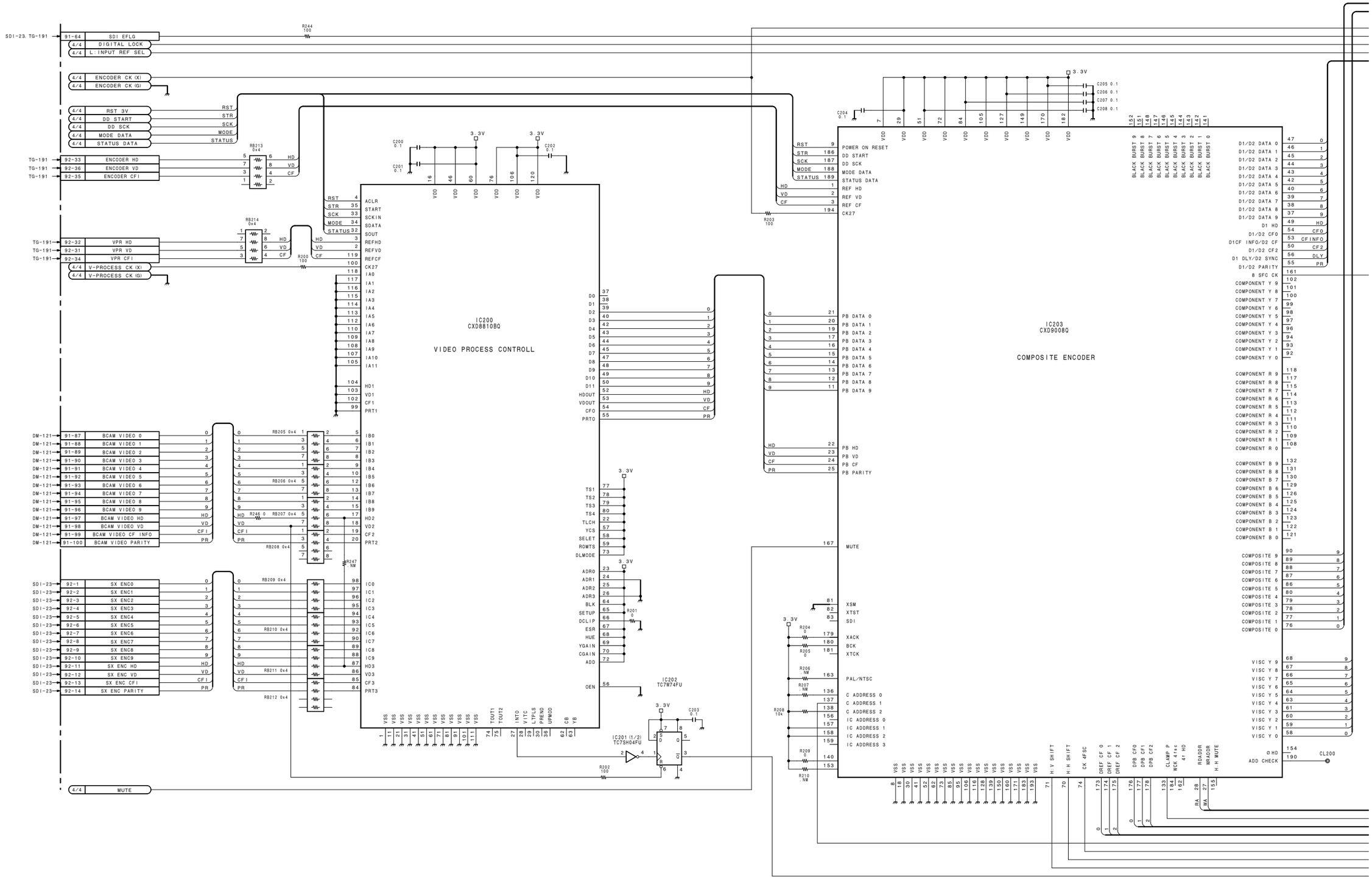


VIDEO SIGNAL PROCESSOR
VIDEO PROCESS D-A, COMPOSITE ENCODER

VPR-59 (1/4)

BOARD NO. 1-673-529-11
LOT NO. 812-
B-¥BVW55-VPR59-11@-SIEDS


IC200
CXD8810BQ
VIDEO PROCESS CONTROLL
IC203
CXD9008Q
COMPOSITE ENCODER
IC202
TC7W74FU
IC201 (1/2)
TC7SH04FU
3.3V
SDI-23. TG-191
91-64 SDI EFLG
4/4 DIGITAL LOCK
4/4 L:INPUT REF SEL
4/4 ENCODER CK (X)
4/4 ENCODER CK (G)
4/4 RST 3V
4/4 DD START
4/4 DD SCK
4/4 MODE DATA
4/4 STATUS DATA
TG-191 92-33 ENCODER HD
TG-191 92-36 ENCODER VD
TG-191 92-35 ENCODER CFI
TG-191 92-32 VPR HD
TG-191 92-31 VPR VD
TG-191 92-34 VPR CFI
4/4 V-PROCESS CK (X)
4/4 V-PROCESS CK (G)
DM-121 91-87 BCAM VIDEO 0
DM-121 91-88 BCAM VIDEO 1
DM-121 91-89 BCAM VIDEO 2
DM-121 91-90 BCAM VIDEO 3
DM-121 91-91 BCAM VIDEO 4
DM-121 91-92 BCAM VIDEO 5
DM-121 91-93 BCAM VIDEO 6
DM-121 91-94 BCAM VIDEO 7
DM-121 91-95 BCAM VIDEO 8
DM-121 91-96 BCAM VIDEO 9
DM-121 91-97 BCAM VIDEO HD
DM-121 91-98 BCAM VIDEO VD
DM-121 91-99 BCAM VIDEO CF INFO
DM-121 91-100 BCAM VIDEO PARITY
SDI-23 92-1 SX ENC0
SDI-23 92-2 SX ENC1
SDI-23 92-3 SX ENC2
SDI-23 92-4 SX ENC3
SDI-23 92-5 SX ENC4
SDI-23 92-6 SX ENC5
SDI-23 92-7 SX ENC6
SDI-23 92-8 SX ENC7
SDI-23 92-9 SX ENC8
SDI-23 92-10 SX ENC9
SDI-23 92-11 SX ENC HD
SDI-23 92-12 SX ENC VD
SDI-23 92-13 SX ENC CFI
SDI-23 92-14 SX ENC PARITY
4/4 MUTE
POWER ON RESET
DD START
DD SCK
MODE DATA
STATUS DATA
REF HD
REF VD
REF CF
CK27
PB DATA 0
PB DATA 1
PB DATA 2
PB DATA 3
PB DATA 4
PB DATA 5
PB DATA 6
PB DATA 7
PB DATA 8
PB DATA 9
PB HD
PB VD
PB CF
PB PARITY
MUTE
XSM
XTST
SDI
XACK
BCK
XTCK
PAL/NTSC
C ADDRESS 0
C ADDRESS 1
C ADDRESS 2
IC ADDRESS 0
IC ADDRESS 1
IC ADDRESS 2
IC ADDRESS 3
D1/D2 DATA 0
D1/D2 DATA 1
D1/D2 DATA 2
D1/D2 DATA 3
D1/D2 DATA 4
D1/D2 DATA 5
D1/D2 DATA 6
D1/D2 DATA 7
D1/D2 DATA 8
D1/D2 DATA 9
D1 HD
D1/D2 CF0
D1CF INFO/D2 CF
D1/D2 CF2
D1 DLY/D2 SYNC
D1/D2 PARITY
8 SFC CK
COMPONENT Y 9
COMPONENT Y 8
COMPONENT Y 7
COMPONENT Y 6
COMPONENT Y 5
COMPONENT Y 4
COMPONENT Y 3
COMPONENT Y 2
COMPONENT Y 1
COMPONENT Y 0
COMPONENT R 9
COMPONENT R 8
COMPONENT R 7
COMPONENT R 6
COMPONENT R 5
COMPONENT R 4
COMPONENT R 3
COMPONENT R 2
COMPONENT R 1
COMPONENT R 0
COMPONENT B 9
COMPONENT B 8
COMPONENT B 7
COMPONENT B 6
COMPONENT B 5
COMPONENT B 4
COMPONENT B 3
COMPONENT B 2
COMPONENT B 1
COMPONENT B 0
COMPOSITE 9
COMPOSITE 8
COMPOSITE 7
COMPOSITE 6
COMPOSITE 5
COMPOSITE 4
COMPOSITE 3
COMPOSITE 2
COMPOSITE 1
COMPOSITE 0
VISC Y 9
VISC Y 8
VISC Y 7
VISC Y 6
VISC Y 5
VISC Y 4
VISC Y 3
VISC Y 2
VISC Y 1
VISC Y 0
ØHD
ADD CHECK
CL200
BLACK BURST 9
BLACK BURST 8
BLACK BURST 7
BLACK BURST 6
BLACK BURST 5
BLACK BURST 4
BLACK BURST 3
BLACK BURST 2
BLACK BURST 1
BLACK BURST 0
RST
STR
SCK
MODE
STATUS
HD
VD
CF
ACLR
START
SCKIN
SDATA
SOUT
REFHD
REFVD
REFCF
CK27
IA0
IA1
IA2
IA3
IA4
IA5
IA6
IA7
IA8
IA9
IA10
IA11
HD1
VD1
CF1
PRT1
IB0
IB1
IB2
IB3
IB4
IB5
IB6
IB7
IB8
IB9
HD2
VD2
CF2
PRT2
IC0
IC1
IC2
IC3
IC4
IC5
IC6
IC7
IC8
IC9
HD3
VD3
CF3
PRT3
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
HDOUT
VDOUT
CFO
PRTO
TS1
TS2
TS3
TS4
TLCH
YCS
SELET
ROMTS
DLMODE
ADR0
ADR1
ADR2
ADR3
BLK
SETUP
DCLIP
ESR
HUE
YGAIN
CGAIN
ADD
OEN
VSS
VDD
TOUT1
TOUT2
INTO
VITC
LTPLS
PREND
UPMOD
OB
YB
H.V SHIFT
H.H SHIFT
CK 4FSC
DREF CF 0
DREF CF 1
DREF CF 2
DPB CFO
DPB CF1
DPB CF2
CLAMP P
WCK 41fs
41 HD
RDADDR
WRADDR
H.H MUTE
RA
WA
R244 100
R203 100
R200 100
R202 100
R204 0
R205 0
R206 NM
R207 NM
R208 10k
R209 0
R210 NM
R201 0
R246 0
R247 NM
RB213 0x4
RB214 0x4
RB205 0x4
RB206 0x4
RB207 0x4
RB208 0x4
RB209 0x4
RB210 0x4
RB211 0x4
RB212 0x4
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C201 0.1
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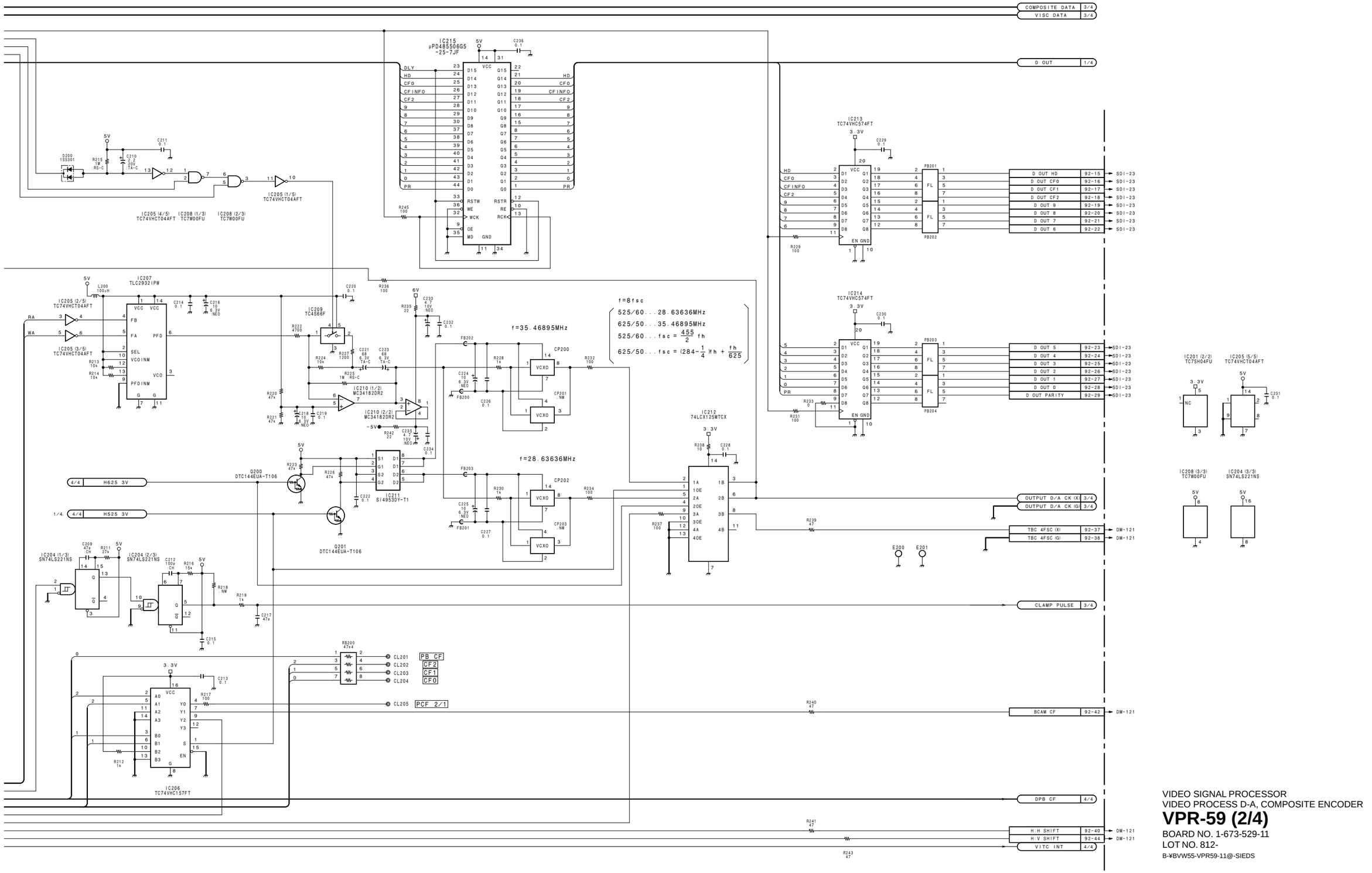
C207 0.1
C208 0.1

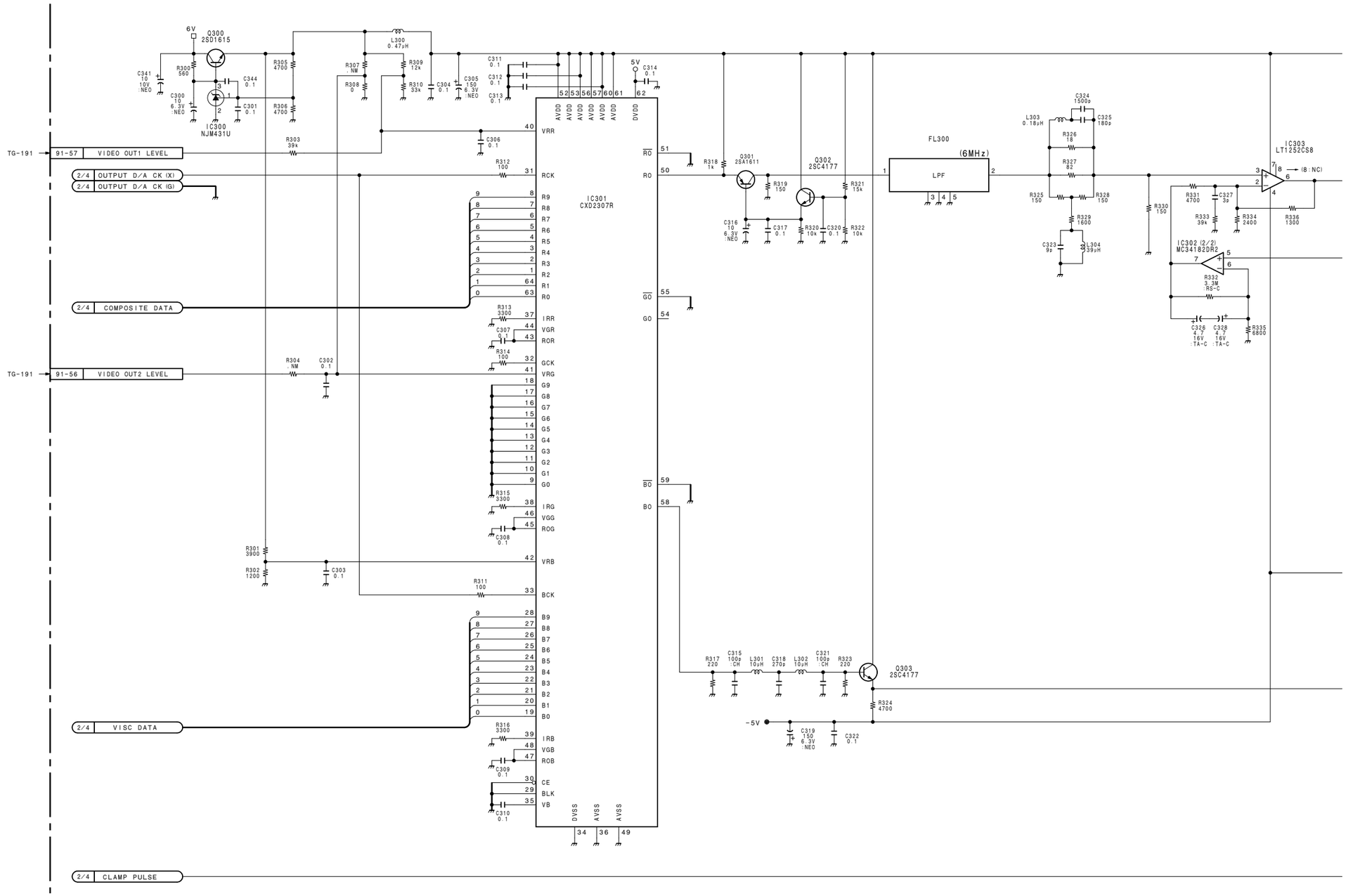


VIDEO SIGNAL PROCESSOR
VIDEO PROCESS D-A, COMPOSITE ENCODER

VPR-59 (2/4)

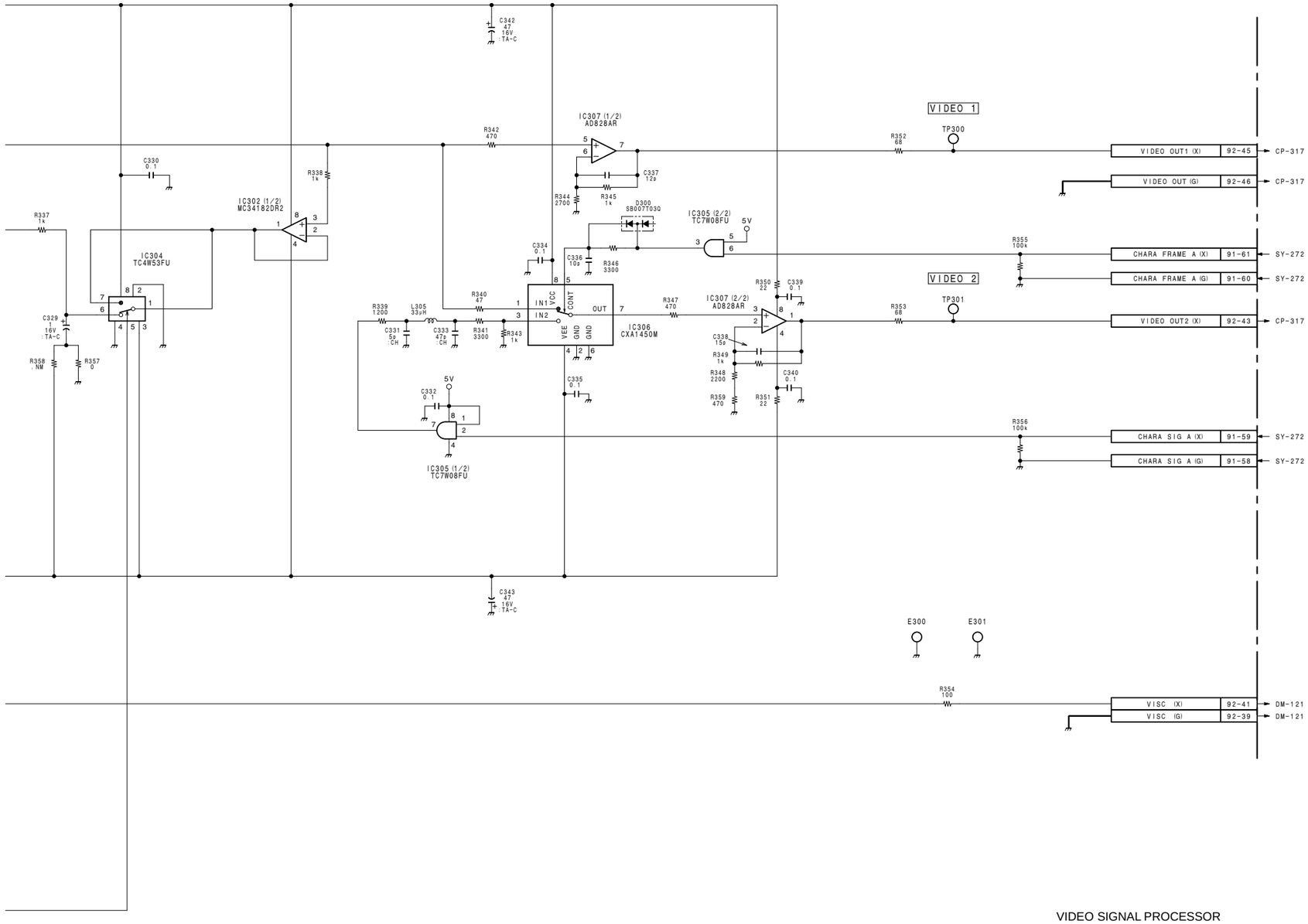
BOARD NO. 1-673-529-11
LOT NO. 812-
B-¥BVW55-VPR59-11@-SIEDS

VPR-59 (3/4)



4-140

VPR-59 (3/4)



VIDEO SIGNAL PROCESSOR
VIDEO PROCESS D-A, COMPOSITE ENCODER

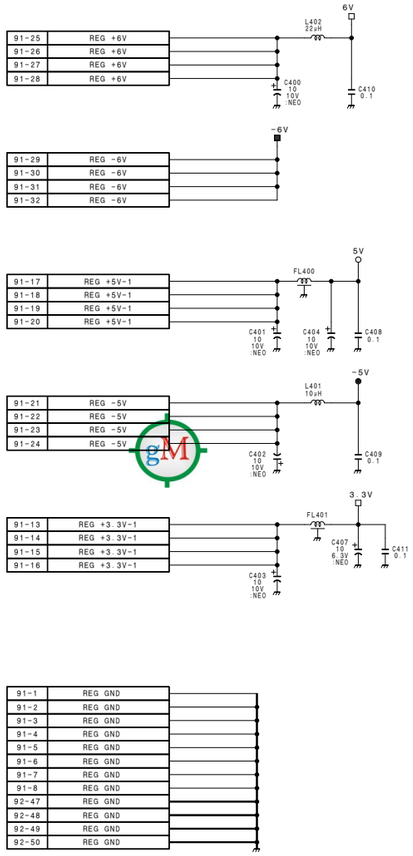
VPR-59 (3/4)

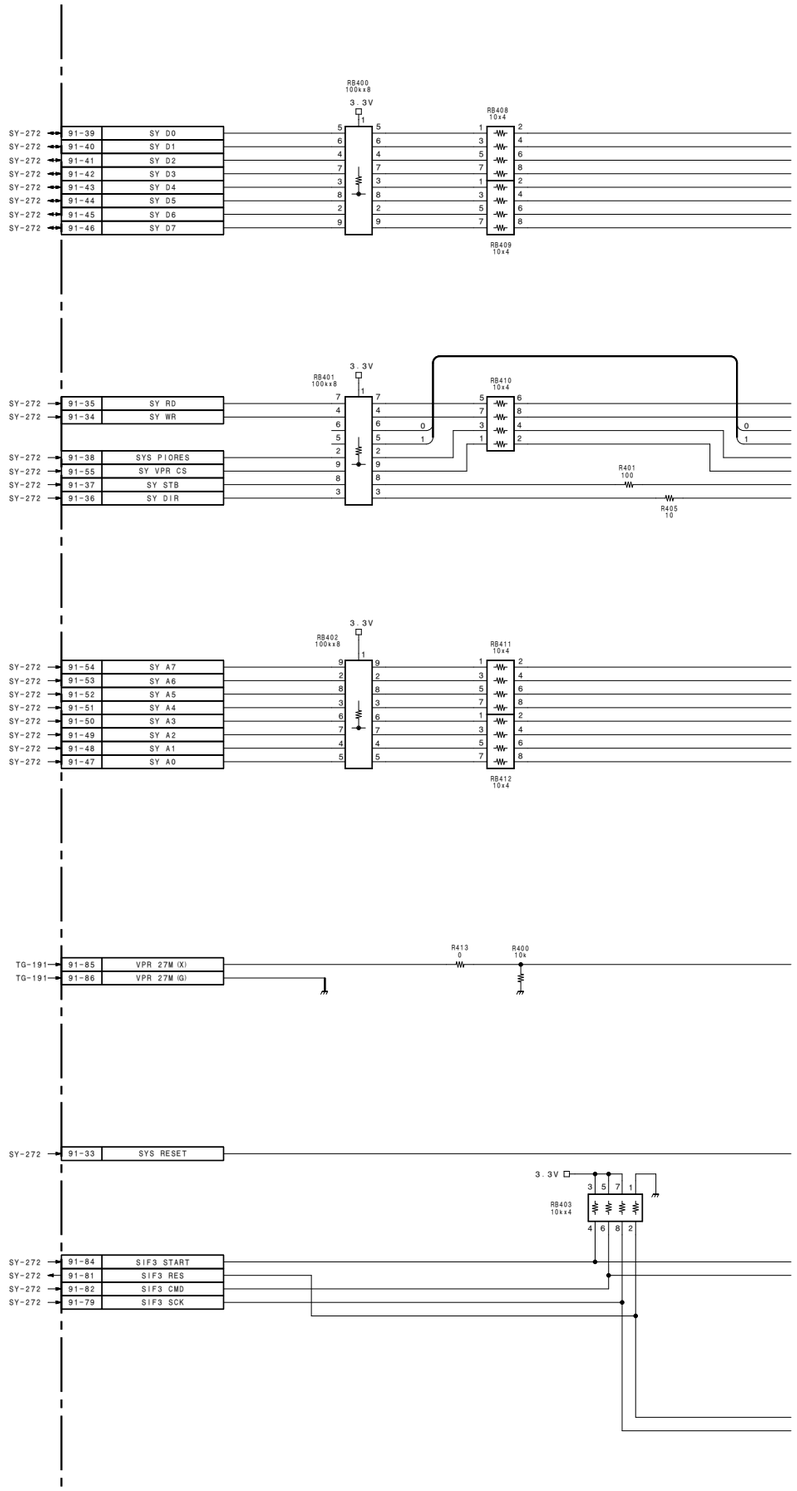
BOARD NO. 1-673-529-11
LOT NO. 812-

B-¥BVW55-VPR59-11@-SIEDS

I J K L M N O P

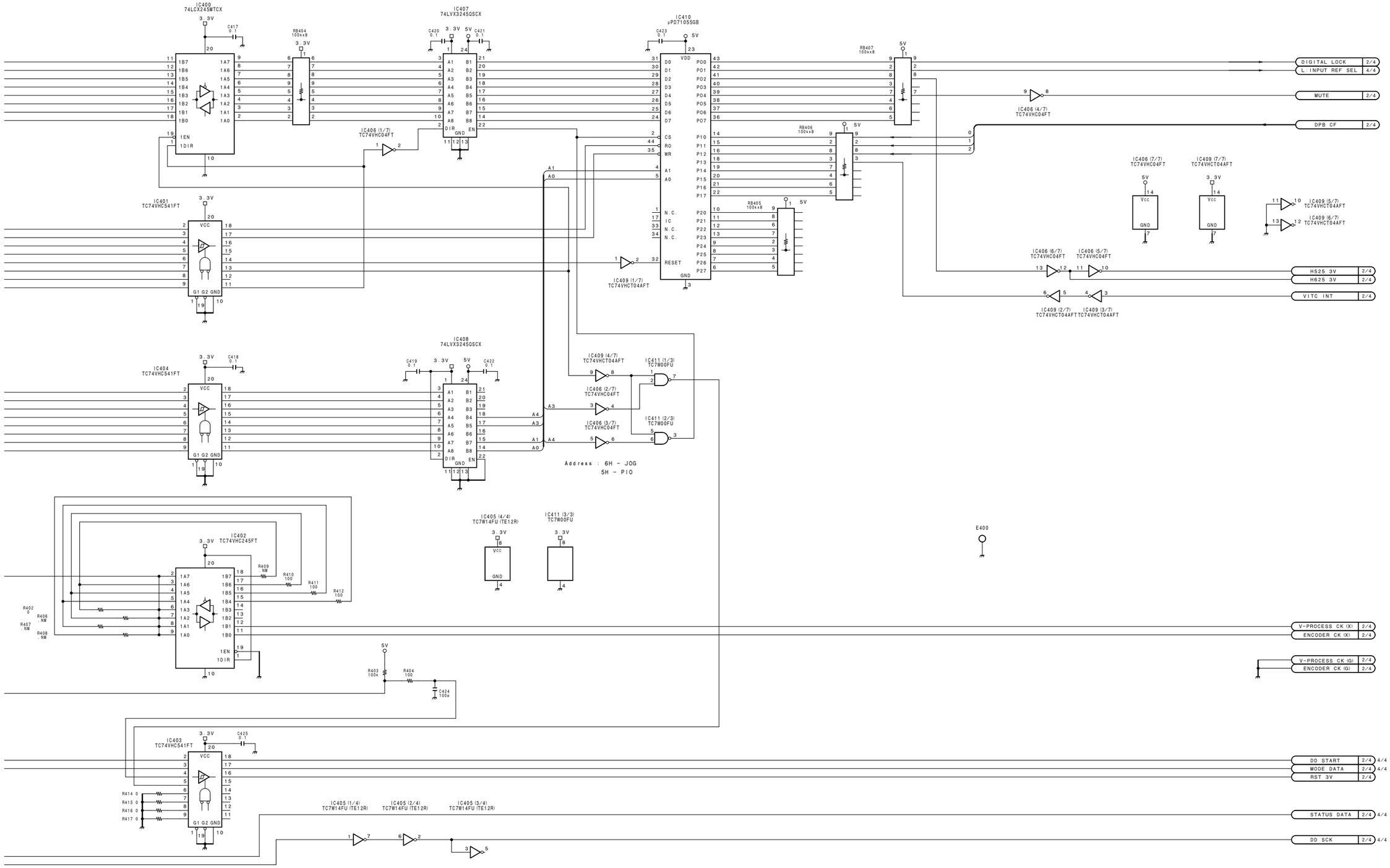
VPR-59 (4/4)





4-142

VPR-59 (4/4)

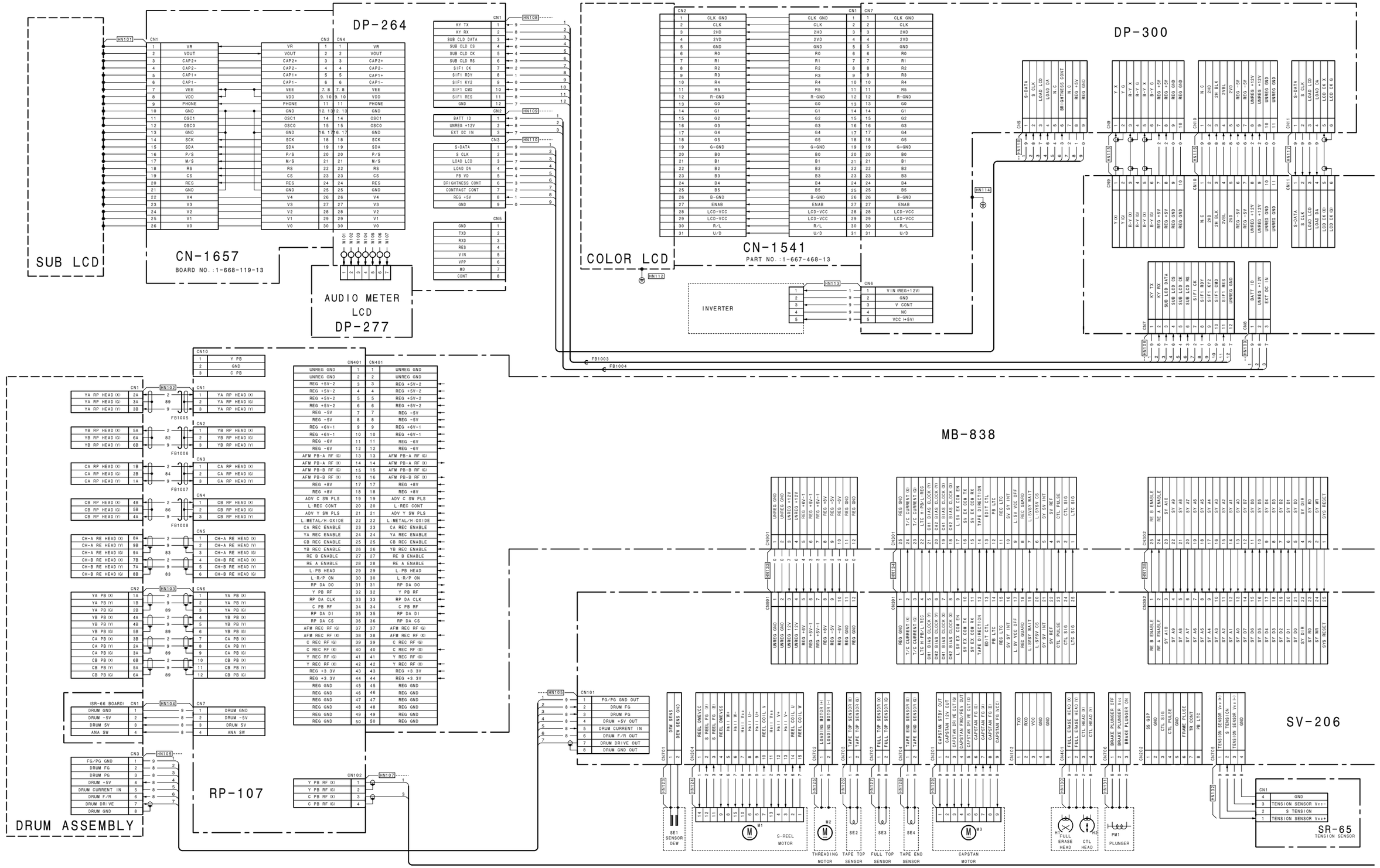


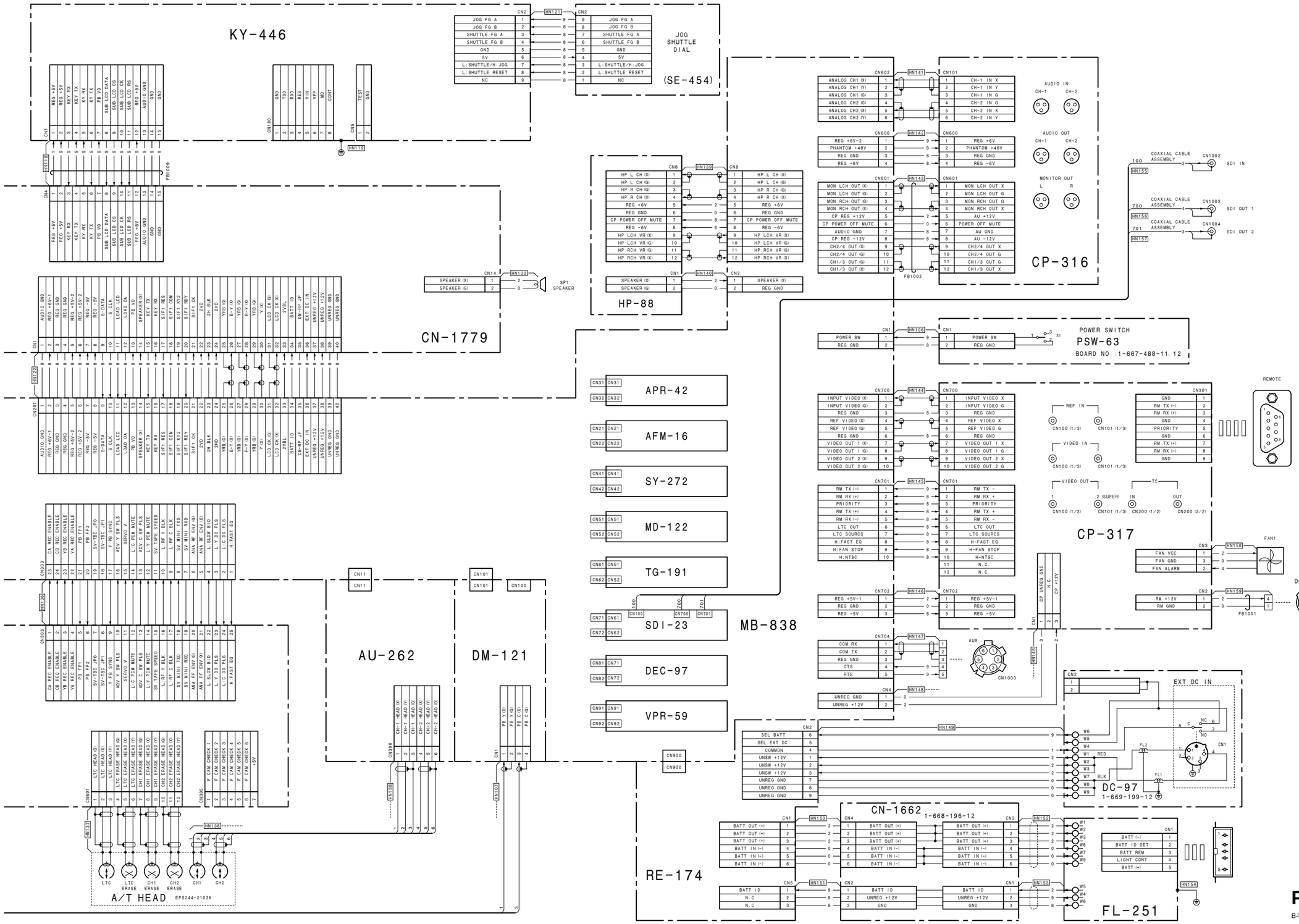
VIDEO SIGNAL PROCESSOR
VIDEO PROCESS D-A, COMPOSITE ENCODER

VPR-59 (4/4)

BOARD NO. 1-673-529-11
LOT NO. 812-

B-¥BVW55-VPR59-11@-SIEDS


SUB LCD
DP-264
CN-1657
BOARD NO. : 1-668-119-13
AUDIO METER LCD
DP-277
COLOR LCD
CN-1541
PART NO. : 1-667-468-13
INVERTER
DP-300
MB-838
SV-206
RP-107
DRUM ASSEMBLY
SR-65
TENSION SENSOR
FB1003
FB1004
FB1005
FB1006
FB1007
FB1008
S-REEL MOTOR
THREADING MOTOR
CAPSTAN MOTOR
FULL ERASE HEAD
CTL HEAD
PLUNGER
SE1 SENSOR DEW
TAPE TOP SENSOR
TAPE END SENSOR
FULL TOP SENSOR



Frame Wiring

B-¥BVW55-FRAME-S/M

http://getMANUAL.com

Section 5
Board Layouts

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*TBC: Time Base Corrector

5-1

AFM-16(1-673-523-12)

C1	*A5	C342	*B4	C678	*G1	CL1	*G4	IC71	*D5	Q71	*D4
C2	*A5	C402	C1	C679	*G1	CL2	*H4	IC91	*D5	Q72	*D4
C3	*A5	C403	*B1	C680	*G1	CL121	*E5	IC100	A3	Q81	*D4
C4	*A5	C404	B1	C681	*G1	CL201	*A1	IC102	F5	Q82	*D4
C5	*A4	C411	*B2	C682	*H1	CL202	*C5	IC103	A3	Q83	*D4
C6	*A4	C412	B2	C683	*G1	CL301	*B1	IC104	A3	Q84	*D4
C7	A4	C413	B2	C684	*H1	CL401	*C1	IC105	A3	Q91	*C4
C8	A4	C415	C1	C685	H1	CL501	*D1	IC106	A3	Q92	*C4
C9	A4	C416	C2	C686	*H1	CL502	*B1	IC107	A3	Q93	*C4
C10	A4	C418	C1	C700	*H4	CL601	*F4	IC108	*C4	Q94	*C4
C11	B4	C420	C2	C701	*H4	CL602	*E4	IC120	*E5	Q95	*D4
C12	B4	C421	*C3	C702	*H4	CL651	*E3	IC121	*E5	Q96	*D4
C13	B4	C422	*D3	C703	*H4	CL661	*F2	IC122	*E4	Q97	*D4
C14	B4	C430	B1	C704	*H4	CL701	*G3	IC123	E5	Q98	*D4
C15	*G5	C432	B3	C705	*H4	CL703	*B3	IC124	*E4	Q100	*A3
C16	*C5	C441	C3	C706	*H4	CL704	*C2	IC125	*E5	Q102	*A3
C20	*G4	C442	*C4	C707	*H4	CL705	*B3	IC130	*F5	Q131	*F1
C21	*H5	C443	*D4	C713	*H4	CL706	*B2	IC131	F2	Q151	B3
C22	*G4	C502	C1	C730	*G4	CL707	*C2	IC132	F2	Q152	B3
C23	*F4	C503	*C1	C731	*E3	CL751	*F3	IC201	*A1	Q153	B3
C24	*G4	C504	C1	C732	*G3	CL761	*F2	IC202	*A2	Q154	B3
C25	*H5	C510	*D2	C733	G3			IC203	*A2	Q161	B3
C26	*H4	C511	*C2	C734	*G2	CN21	C5	IC205	*A4	Q162	B3
C42	*H4	C512	C2	C735	*H2	CN22	G5	IC301	*B1	Q163	B3
C43	*G4	C513	C2	C736	H3			IC302	*B2	Q164	B3
C45	*H4	C515	D1	C737	*H2	D1	*A4	IC303	*B2	Q201	A4
C61	*C4	C516	C2	C738	H2	D2	*A4	IC305	*B4	Q202	A4
C62	*C4	C518	C1	C739	H3	D3	*B5	IC401	*C1	Q203	A4
C71	D4	C520	C2	C740	H2	D4	*B5	IC402	*B2	Q204	A4
C81	D4	C530	C1	C741	*H2	D10	*B4	IC403	*C2	Q221	*A2
C82	D4	C532	C3	C742	H2	D11	*B4	IC404	C3	Q301	B4
C91	*C5	C541	C3	C743	H3	D61	*C4	IC405	*B3	Q302	B4
C92	C4	C600	*F4	C744	*H2	D62	*C4	IC406	*C4	Q303	B4
C93	C4	C601	*F4	C745	H3	D71	D4	IC501	*C1	Q304	B4
C94	C4	C602	*F4	C746	*H2	D81	D4	IC502	*C2	Q321	*B2
C95	D4	C603	*G4	C747	F3	D82	D4	IC503	*C2	Q322	*B2
C96	D4	C604	*G4	C748	*F2	D131	*F1	IC505	*C3	Q401	*C3
C97	D4	C605	*E4	C749	*G2	D132	*F1	IC506	C3	Q402	*C3
C98	D4	C606	*F4	C750	G3	D201	*A4	IC600	*E2	Q403	C3
C100	*A3	C607	*F4	C751	G2	D241	A4	IC601	*F4	Q404	B3
C101	*F4	C608	*F4	C752	*G2	D301	*B4	IC602	G4	Q405	C3
C102	*F5	C609	*F4	C753	G2	D341	B4	IC608	*E3	Q406	C3
C103	*F4	C610	*G4	C754	G3	D400	B3	IC609	*F3	Q407	B3
C106	*F4	C611	F4	C755	G2	D401	*B3	IC662	*E3	Q408	C4
C107	*A3	C612	E4	C756	*G2	D403	C4	IC663	*D2	Q409	C4
C108	*A3	C613	*F4	C757	*G2	D440	C4	IC701	E4	Q421	*C2
C109	*A3	C620	*E4	C758	G3	D441	B4	IC702	H4	Q501	*C3
C120	E4	C631	*E3	C759	*G2	D442	C4	IC704	G4	Q502	*C3
C121	*E5	C632	*G3	C760	G3	D443	C4	IC705	*E4	Q503	C3
C122	E4	C633	D3	C761	*G2	D500	C3	IC707	G4	Q504	B3
C123	E4	C634	*D3	C762	H2	D501	*C3	IC708	*H3	Q505	D3
C124	E4	C635	*E3	C763	H2	D503	D4	IC709	*G3	Q506	C3
C125	*E4	C636	E3	C764	*H2	D540	C4	IC762	*H2	Q507	C3
C126	E4	C637	*E3	C765	*H2	D541	B4	IC763	*G1	Q508	C4
C127	*E5	C638	E3	C766	*H2	D542	D4	IC851	*E4	Q509	C4
C128	*E5	C639	E3	C767	*G2	D543	C4			Q521	*D2
C131	E1	C640	E3	C768	G2	D601	F4	L1	A5	Q522	*D2
C132	E1	C641	*E3	C769	G2	D602	E3	L2	A5	Q600	H2
C133	*F1	C642	E3	C772	E1	D603	*F3	L4	*G5	Q601	*E4
C134	*E1	C643	E3	C773	E1	D620	E4	L5	*H5	Q602	F4
C151	*B3	C644	*E3	C774	E2	D662	*D2	L120	E4	Q603	F4
C152	*B3	C645	E3	C775	D2	D700	E4	L601	D3	Q604	E4
C161	*B3	C646	*E3	C776	E1	D702	H3	L602	D3	Q605	*F2
C162	*B3	C647	E3	C777	D1	D703	*G3	L603	E2	Q620	E4
C202	A1	C648	*E2	C778	E1	D716	*G4	L604	E2	Q662	D2
C203	*A1	C649	*E2	C779	*E2	D762	*G2	L671	*G1	Q663	D2
C204	A2	C650	F3	C780	*E1			L672	*G1	Q672	G1
C211	*A2	C651	F2	C781	D2	E1	D2	L673	G1	Q673	G1
C212	*A2	C652	*F2	C782	D1	E2	C4	L674	H1	Q674	*H1
C213	A2	C653	F2	C783	*D2	E3	H5	L675	G1	Q675	*H1
C214	A2	C654	F3	C784	*D1	E201	*C4	L676	H1	Q676	*H1
C216	A2	C655	F2	C785	*D2	E301	*D3	L701	G3	Q701	*E4
C218	A2	C656	*F2	C786	*D1	E601	H1	L702	H2	Q702	E5
C219	A2	C657	*F2	C787	D2	E700	B3	L703	F2	Q705	*G2
C221	A2	C658	F3	C788	D2	E701	C2	L704	F2	Q762	G1
C230	A1	C659	*F2	C789	*D2					Q763	G2
C241	*A4	C660	F3	C790	*D1	FL21	G5	Q1	A4		
C242	*A4	C661	*F2	C791	D1	FL22	G4	Q2	A4	R1	*A5
C302	B1	C662	E3	C792	D1	FL41	H5	Q4	*B4	R2	A4
C303	*B1	C663	E3	C793	*D2	FL42	H4	Q5	*B4	R3	A4
C304	A2	C664	*E2	C794	*D1	FL601	F4	Q21	*G4	R4	A4
C310	*B2	C665	*E3	C795	*D1	FL602	F4	Q22	*G4	R5	*B4
C311	*B2	C666	*E2	C796	*D1	FL603	G3	Q23	*G4	R6	A4
C312	*B2	C667	D2	C797	*D2	FL702	F3	Q24	*F4	R7	A4
C313	B2	C668	D2	C798	*D1	FL703	G4	Q41	*H4	R8	*B4
C314	B2	C669	*E3	C799	*D1	FL762	F2	Q42	*H4	R9	*B4
C316	B2	C672	*G2	C800	*D1			Q43	*H4	R10	*B4
C317	B2	C673	*F2	C801	D1	IC1	*A4	Q44	*G4	R11	*B4
C319	B2	C674	*G1	C802	D1	IC2	*A4	Q61	*C5	R12	*C4
C321	B2	C675	H1	C851	*E4	IC3	B4	Q62	*C5	R13	*C4
C330	B1	C676	*G1	C852	*E4	IC4	*B4	Q63	*C5	R14	*C4
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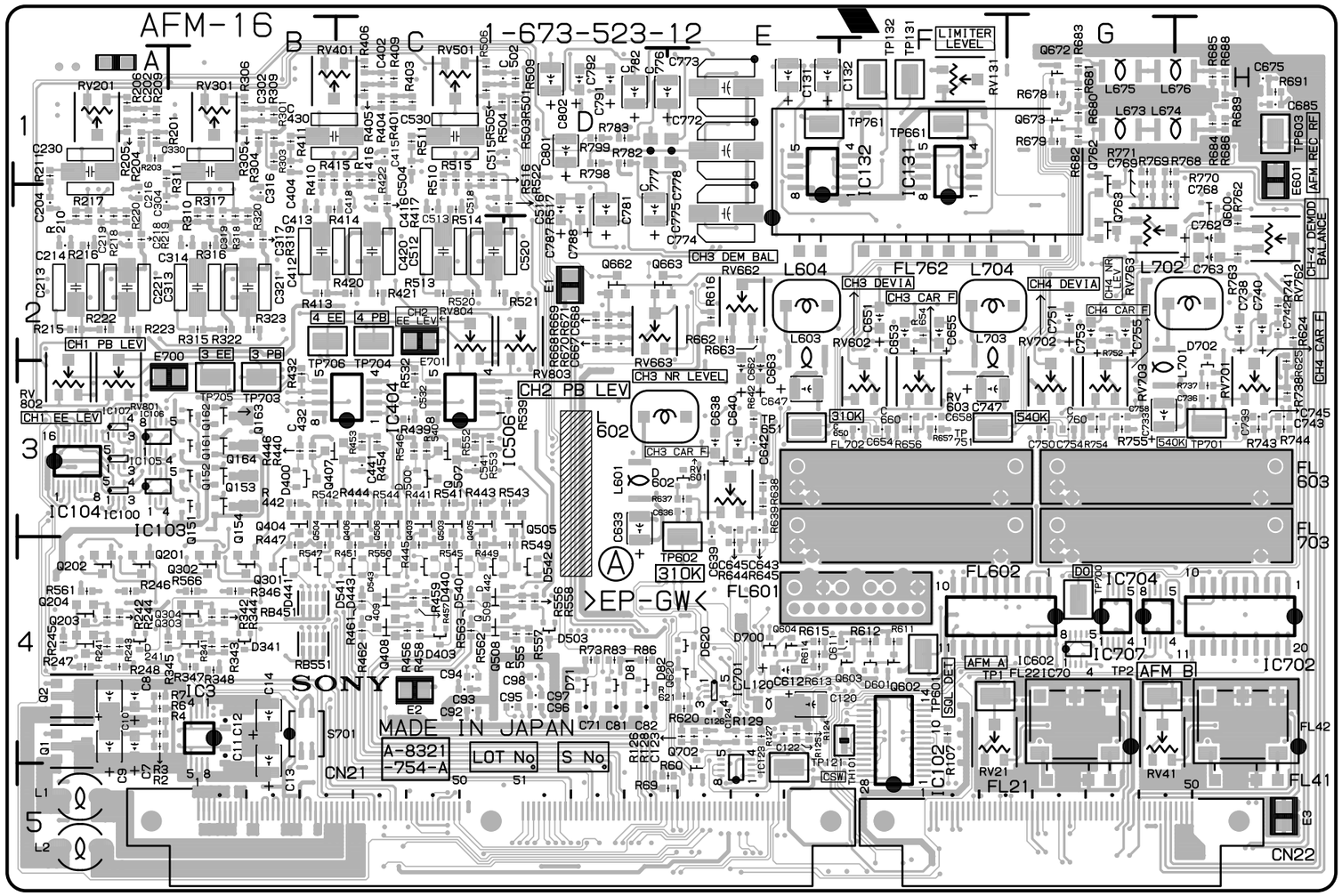
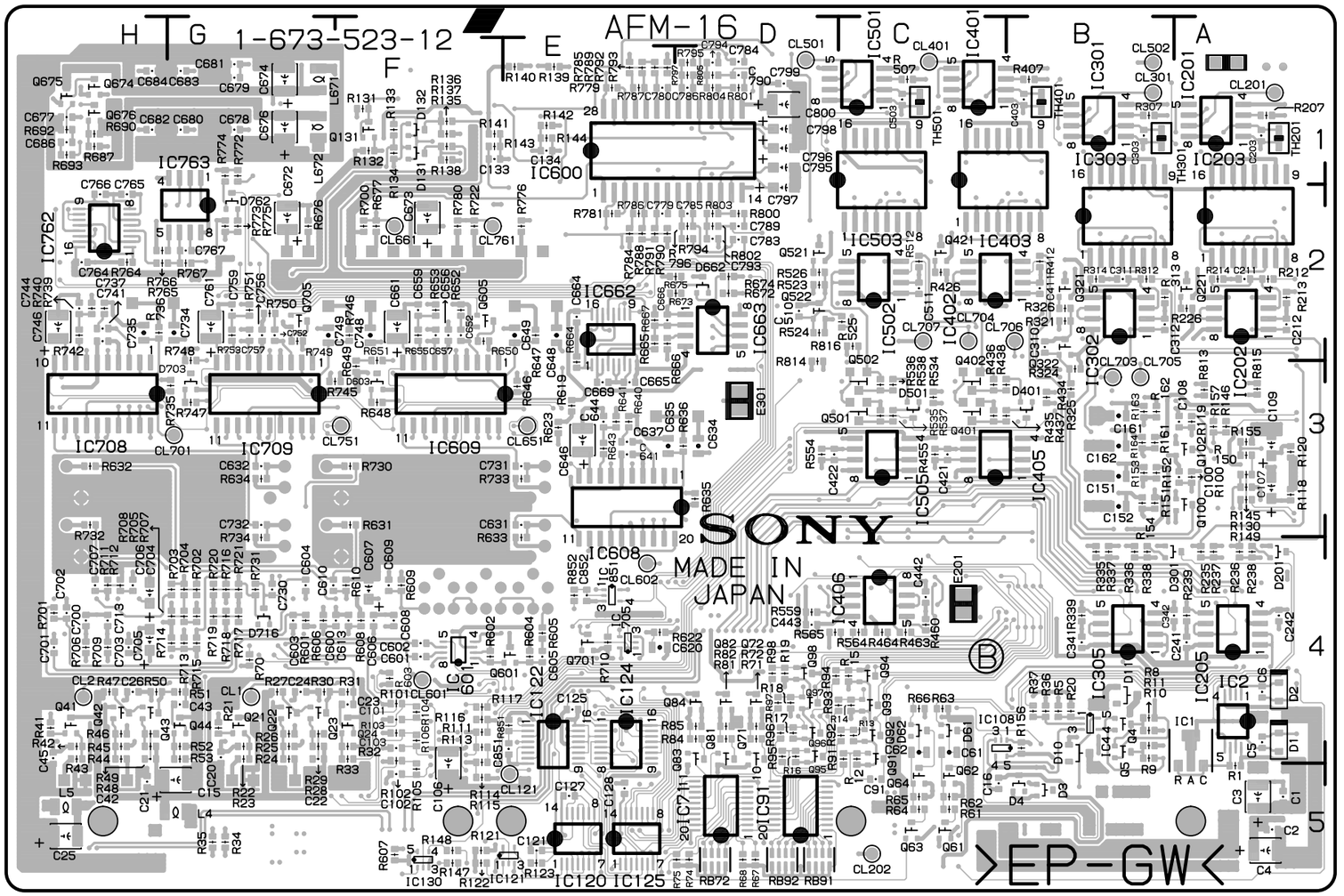


AFM-16 -A SIDE-
SUFFIX: -12



AFM-16 -B SIDE-

SUFFIX: -12

R16	*D4	R131	*F1	R338	*B4	R545	C4	R685	H1	R798	D1
R17	*D4	R132	*F1	R339	*B4	R546	C3	R686	H1	R799	D1
R18	*D4	R133	*F1	R341	B4	R547	B4	R687	*H1	R800	*D2
R19	*D4	R134	*F1	R342	B4	R549	D4	R688	H1	R801	*D1
R20	*B4	R135	*F1	R343	B4	R550	C4	R689	H1	R802	*D2
R21	*G4	R136	*F1	R344	B4	R552	C3	R690	*H1	R803	*D2
R22	*G4	R137	*F1	R345	B4	R553	C3	R691	H1	R804	*D1
R23	*G4	R138	*F1	R346	B4	R554	*D3	R692	*H1	R805	*D1
R24	*G4	R139	*E1	R347	B4	R555	D4	R693	*H1	R813	*A3
R25	*G4	R140	*E1	R348	B4	R556	D4	R700	*F2	R814	*D3
R26	*G4	R141	*F1	R401	C1	R557	D4	R701	*H4	R815	*A3
R27	*G4	R142	*E1	R403	C1	R558	D4	R702	*G4	R816	*C2
R28	*G4	R143	*F1	R404	C1	R559	*D4	R703	*G4	R851	*E4
R29	*G4	R144	*E1	R405	C1	R561	A4	R704	*G4	R852	*E4
R30	*G4	R145	*A3	R406	C1	R562	C4	R705	*G4		
R31	*F4	R146	*A3	R407	*B1	R563	C4	R706	*H4	RB72	*D5
R32	*F4	R147	*F5	R409	C1	R564	*C4	R707	*G4	RB91	*D5
R33	*F4	R148	*F5	R410	B1	R565	*D4	R708	*G4	RB92	*D5
R34	*G5	R149	*A3	R411	B1	R566	B4	R709	*H4	RB451	B4
R35	*G5	R150	*A3	R412	*B2	R601	*G4	R710	*E4	RB551	B4
R36	*B4	R151	*B3	R413	B2	R602	*F4	R711	*H4		
R37	*B4	R152	*B3	R414	B2	R603	*F4	R712	*H4	RV21	F4
R41	*H4	R153	*B3	R415	B1	R604	*E4	R713	*G4	RV41	G4
R42	*H4	R154	*B3	R416	C1	R605	*E4	R714	*G4	RV131	F1
R43	*H4	R155	*A3	R417	C2	R606	*G4	R715	*G4	RV201	A1
R44	*H4	R156	*B4	R420	C2	R607	*F5	R716	*G4	RV301	B1
R45	*H4	R157	*A3	R421	C2	R608	*F4	R717	*G4	RV401	B1
R46	*H4	R161	*B3	R422	C1	R609	*F4	R718	*G4	RV501	C1
R47	*H4	R162	*B3	R426	*C2	R610	*F4	R719	*G4	RV601	E3
R48	*H4	R163	*B3	R432	B3	R611	F4	R720	*G4	RV602	F3
R49	*H4	R164	*B3	R434	*B3	R612	F4	R721	*G4	RV603	F3
R50	*H4	R201	A1	R435	*C3	R613	E4	R722	*F2	RV662	E2
R51	*G4	R203	A1	R436	*C3	R614	E4	R730	*F3	RV663	D2
R52	*G4	R204	A1	R437	*C3	R615	E4	R731	*G4	RV701	H3
R53	*G4	R205	A1	R438	*C3	R616	E2	R732	*H3	RV702	G3
R60	E5	R206	A1	R439	C3	R619	*E3	R733	*E3	RV703	G3
R61	*C5	R207	*A1	R440	B3	R620	E4	R734	*G4	RV762	H2
R62	*C5	R209	A1	R441	C3	R621	E4	R735	*G3	RV763	G2
R63	*C4	R210	A2	R442	B3	R622	*E4	R736	*H2	RV801	A3
R64	*C5	R211	A1	R443	C3	R623	*E3	R737	H3	RV802	A3
R65	*C5	R212	*A2	R444	C3	R624	H2	R738	H3	RV803	D2
R66	*C4	R213	*A2	R445	C4	R625	H3	R739	*H2	RV804	C2
R67	*D5	R214	*A2	R446	B3	R631	*F3	R740	*H2		
R68	*D5	R215	A2	R447	B4	R632	*H3	R741	H2	S701	B4
R69	E5	R216	A2	R449	C4	R633	*E4	R742	*H2		
R70	*G4	R217	A2	R451	C4	R634	*G3	R743	H3	TH101	F4
R71	*D4	R218	A2	R453	C3	R635	*D3	R744	H3	TH201	*A1
R72	*D4	R219	A2	R454	C3	R636	*D3	R745	*G3	TH301	*B1
R73	D4	R220	A2	R455	*C3	R637	E3	R746	*F2	TH401	*B1
R74	*D5	R222	A2	R456	C4	R638	E3	R747	*G3	TH501	*C1
R75	*D5	R223	A2	R457	C4	R639	E3	R748	*G2		
R81	*D4	R226	*A2	R458	C4	R640	*E3	R749	*G2	TP1	F4
R82	*D4	R235	*A4	R459	C4	R641	*E3	R750	*G2	TP2	G4
R83	D4	R236	*A4	R460	*C4	R642	E3	R751	*G2	TP121	E5
R84	*D4	R237	*A4	R461	C4	R643	*E3	R752	G2	TP131	F1
R85	*D4	R238	*A4	R462	C4	R644	E4	R753	*G2	TP132	F1
R86	D4	R239	*A4	R463	*C4	R645	E4	R754	G3	TP601	F4
R91	*C4	R241	A4	R464	*C4	R646	*E3	R755	G3	TP602	E3
R92	*C4	R242	A4	R501	D1	R647	*E2	R762	H2	TP603	H1
R93	*D4	R243	A4	R503	D1	R648	*F3	R763	H2	TP651	E3
R94	*D4	R244	A4	R504	C1	R649	*F3	R764	*H2	TP661	F1
R95	*D4	R245	A4	R505	C1	R650	*F2	R765	*H2	TP700	G4
R96	*D4	R246	A4	R506	C1	R651	*F2	R766	*H2	TP701	H3
R97	*D4	R247	A4	R507	*C1	R652	*F2	R767	*G2	TP703	B3
R98	*D4	R248	A4	R509	D1	R653	*F2	R768	G1	TP704	C2
R100	*A3	R301	B1	R510	C1	R654	F2	R769	G1	TP705	B3
R101	*F4	R303	B1	R511	C1	R655	*F2	R770	G1	TP706	B2
R102	*F4	R304	B1	R512	*C2	R656	F3	R771	G1	TP751	F3
R103	*F4	R305	B1	R513	C2	R657	F3	R772	*G1	TP761	E1
R104	*F4	R306	B1	R514	C2	R662	E2	R773	*G2		
R105	*F5	R307	*B1	R515	C1	R663	E2	R774	*G1	*:B SIDE	
R106	*F4	R309	B1	R516	C1	R664	*E3	R775	*G2		
R107	F4	R310	B2	R517	D2	R665	*E2	R776	*E2		
R111	*F4	R311	A1	R520	C2	R666	*E2	R779	*E1		
R113	*F4	R312	*B2	R521	C2	R667	*E2	R780	*F2		
R114	*F4	R313	*B2	R522	C1	R668	D2	R781	*E2		
R115	*F5	R314	*B2	R523	*D2	R669	D2	R782	D1		
R116	*F4	R315	B2	R524	*D2	R670	D2	R783	D1		
R117	*F4	R316	B2	R525	*C2	R671	D2	R784	*E2		
R118	*A3	R317	B2	R526	*D2	R672	*D2	R785	*E1		
R119	*A3	R318	B2	R532	C3	R673	*D2	R786	*E2		
R120	*A3	R319	B2	R534	*C3	R674	*D2	R787	*E1		
R121	*F5	R320	B2	R535	*C3	R675	*D2	R788	*E2		
R122	*F5	R321	*B2	R536	*C3	R676	*G2	R789	*E1		
R123	*E5	R322	B2	R537	*C3	R677	*F2	R790	*E2		
R124	E4	R323	B2	R538	*C3	R678	G1	R791	*E2		
R125	E4	R324	*B3	R539	D3	R679	G1	R792	*E1		
R126	E4	R325	*B3	R540	C3	R680	G1	R793	*E1		
R127	E4	R326	*B2	R541	C3	R681	G1	R794	*D2		
R128	E4	R335	*B4	R542	B3	R682	G1	R795	*D1		
R129	E4	R336	*B4	R543	D3	R683	G1	R796	*D2		
R130	*A3	R337	*B4	R544	C3	R684	H1	R797	*D1		

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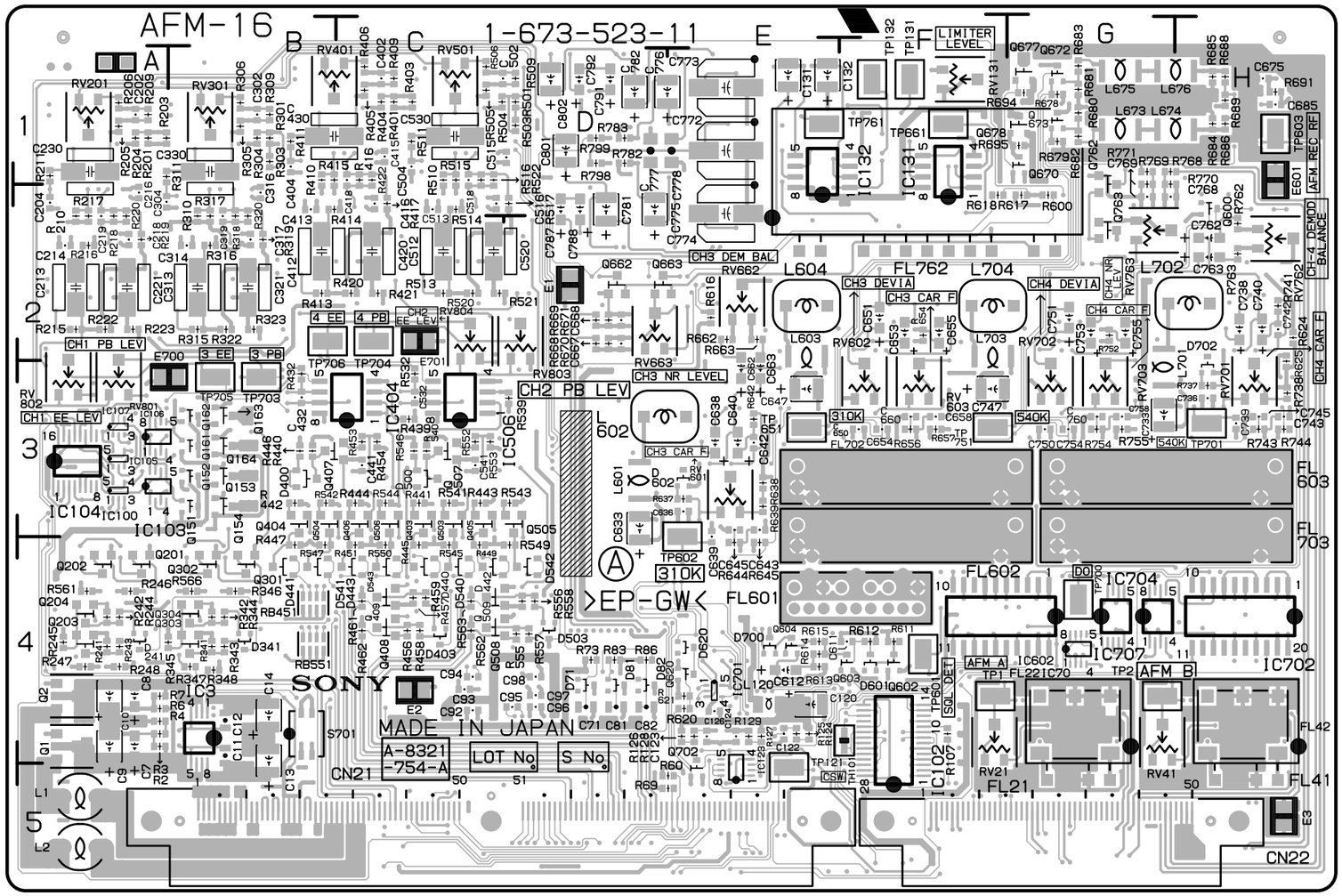
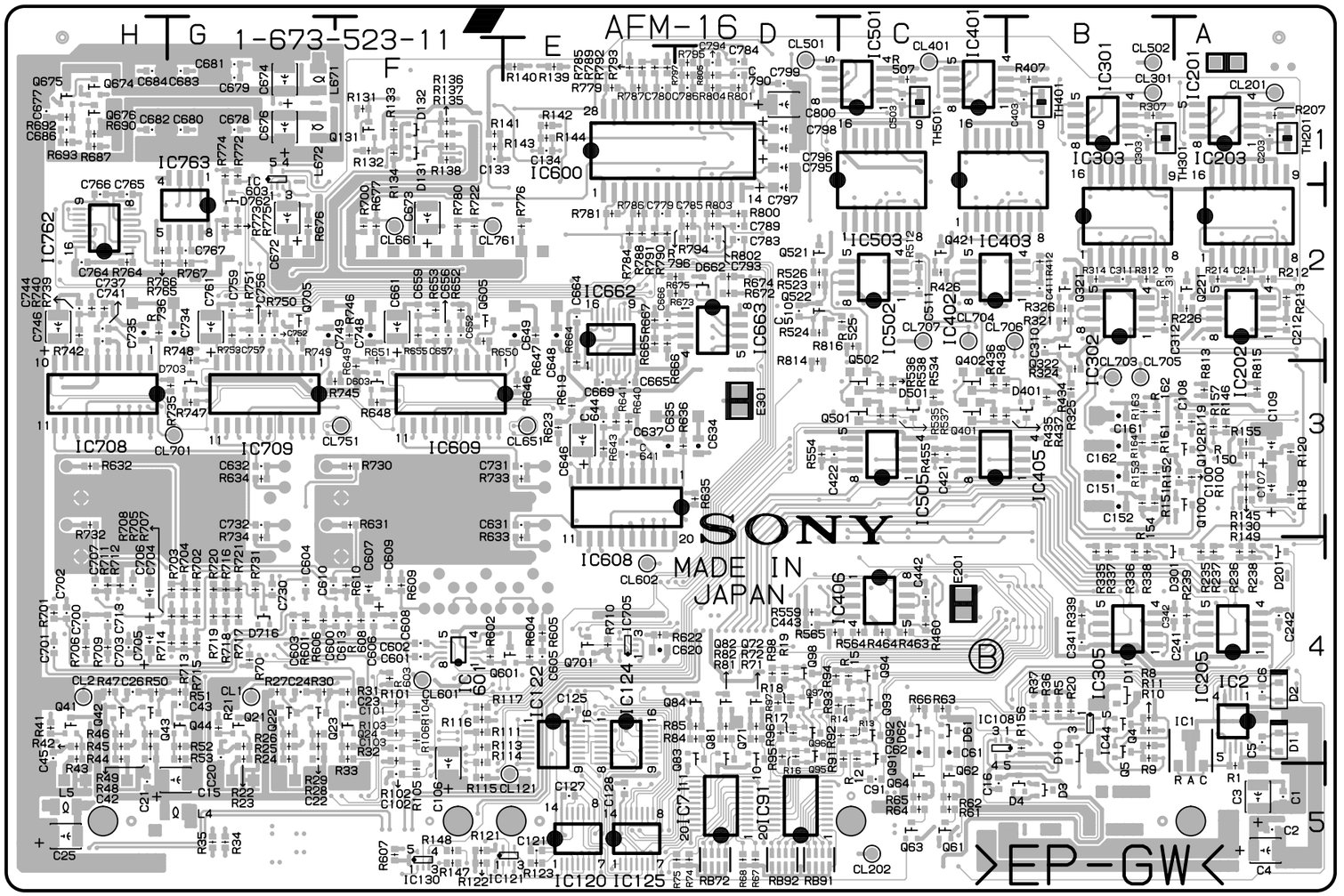
C1	*A5	C342	*B4	C678	*G1	CL121	*E5	IC100	A3	Q81	*D4
C2	*A5	C402	C1	C679	*G1	CL201	*A1	IC102	F5	Q82	*D4
C3	*A5	C403	*B1	C680	*G1	CL202	*C5	IC103	A3	Q83	*D4
C4	*A5	C404	B1	C681	*G1	CL301	*B1	IC104	A3	Q84	*D4
C5	*A4	C411	*B2	C682	*H1	CL401	*C1	IC105	A3	Q91	*C4
C6	*A4	C412	B2	C683	*G1	CL501	*D1	IC106	A3	Q92	*C4
C7	A4	C413	B2	C684	*H1	CL502	*B1	IC107	A3	Q93	*C4
C8	A4	C415	C1	C685	H1	CL601	*F4	IC108	*C4	Q94	*C4
C9	A4	C416	C2	C686	*H1	CL602	*E4	IC120	*E5	Q95	*D4
C10	A4	C418	C1	C700	*H4	CL651	*E3	IC121	*E5	Q96	*D4
C11	B4	C420	C2	C701	*H4	CL661	*F2	IC122	*E4	Q97	*D4
C12	B4	C421	*C3	C702	*H4	CL701	*G3	IC123	E5	Q98	*D4
C13	B4	C422	*D3	C703	*H4	CL703	*B3	IC124	*E4	Q100	*A3
C14	B4	C430	B1	C704	*H4	CL704	*C2	IC125	*E5	Q102	*A3
C15	*G5	C432	B3	C705	*H4	CL705	*B3	IC130	*F5	Q131	*F1
C16	*C5	C441	C3	C706	*H4	CL706	*B2	IC131	F2	Q151	B3
C20	*G4	C442	*C4	C707	*H4	CL707	*C2	IC132	F2	Q152	B3
C21	*H5	C443	*D4	C713	*H4	CL751	*F3	IC201	*A1	Q153	B3
C22	*G4	C502	C1	C730	*G4	CL761	*F2	IC202	*A2	Q154	B3
C23	*F4	C503	*C1	C731	*E3			IC203	*A2	Q161	B3
C24	*G4	C504	C1	C732	*G3	CN21	C5	IC205	*A4	Q162	B3
C25	*H5	C510	*D2	C733	G3	CN22	G5	IC301	*B1	Q163	B3
C26	*H4	C511	*C2	C734	*G2			IC302	*B2	Q164	B3
C42	*H4	C512	C2	C735	*H2	D1	*A4	IC303	*B2	Q201	A4
C43	*G4	C513	C2	C736	H3	D2	*A4	IC305	*B4	Q202	A4
C45	*H4	C515	D1	C737	*H2	D3	*B5	IC401	*C1	Q203	A4
C61	*C4	C516	C2	C738	H2	D4	*B5	IC402	*B2	Q204	A4
C62	*C4	C518	C1	C739	H3	D10	*B4	IC403	*C2	Q221	*A2
C71	D4	C520	C2	C740	H2	D11	*B4	IC404	C3	Q301	B4
C81	D4	C530	C1	C741	*H2	D61	*C4	IC405	*B3	Q302	B4
C82	D4	C532	C3	C742	H2	D62	*C4	IC406	*C4	Q303	B4
C91	*C5	C541	C3	C743	H3	D71	D4	IC501	*C1	Q304	B4
C92	C4	C600	*F4	C744	*H2	D81	D4	IC502	*C2	Q321	*B2
C93	C4	C601	*F4	C745	H3	D82	D4	IC503	*C2	Q322	*B2
C94	C4	C602	*F4	C746	*H2	D131	*F1	IC505	*C3	Q401	*C3
C95	D4	C603	*G4	C747	F3	D132	*F1	IC506	C3	Q402	*C3
C96	D4	C604	*G4	C748	*F2	D201	*A4	IC600	*E2	Q403	C3
C97	D4	C605	*E4	C749	*G2	D241	A4	IC601	*F4	Q404	B3
C98	D4	C606	*F4	C750	G3	D301	*B4	IC602	G4	Q405	C3
C100	*A3	C607	*F4	C751	G2	D341	B4	IC603	*G1	Q406	C3
C101	*F4	C608	*F4	C752	*G2	D400	B3	IC608	*E3	Q407	B3
C102	*F5	C609	*F4	C753	G2	D401	*B3	IC609	*F3	Q408	C4
C103	*F4	C610	*G4	C754	G3	D403	C4	IC662	*E3	Q409	C4
C106	*F4	C611	F4	C755	G2	D440	C4	IC663	*D2	Q421	*C2
C107	*A3	C612	E4	C756	*G2	D441	B4	IC701	E4	Q501	*C3
C108	*A3	C613	*F4	C757	*G2	D442	C4	IC702	H4	Q502	*C3
C109	*A3	C620	*E4	C758	G3	D443	C4	IC704	G4	Q503	C3
C120	E4	C631	*E3	C759	*G2	D500	C3	IC705	*E4	Q504	B3
C121	*E5	C632	*G3	C760	G3	D501	*C3	IC707	G4	Q505	D3
C122	E4	C633	D3	C761	*G2	D503	D4	IC708	*H3	Q506	C3
C123	E4	C634	*D3	C762	H2	D540	C4	IC709	*G3	Q507	C3
C124	E4	C635	*E3	C763	H2	D541	B4	IC762	*H2	Q508	C4
C125	*E4	C636	E3	C764	*H2	D542	D4	IC763	*G1	Q509	C4
C126	E4	C637	*E3	C765	*H2	D543	C4			Q521	*D2
C127	*E5	C638	E3	C766	*H2	D601	F4	L1	A5	Q522	*D2
C128	*E5	C639	E3	C767	*G2	D602	E3	L2	A5	Q600	H2
C131	E1	C640	E3	C768	G2	D603	*F3	L4	*G5	Q601	*E4
C132	E1	C641	*E3	C769	G2	D620	E4	L5	*H5	Q602	F4
C133	*F1	C642	E3	C772	E1	D662	*D2	L120	E4	Q603	F4
C134	*E1	C643	E3	C773	E1	D700	E4	L601	D3	Q604	E4
C151	*B3	C644	*E3	C774	E2	D702	H3	L602	D3	Q605	*F2
C152	*B3	C645	E3	C775	D2	D703	*G3	L603	E2	Q620	E4
C161	*B3	C646	*E3	C776	E1	D716	*G4	L604	E2	Q662	D2
C162	*B3	C647	E3	C777	D1	D762	*G2	L671	*G1	Q663	D2
C202	A1	C648	*E2	C778	E1			L672	*G1	Q670	G1
C203	*A1	C649	*E2	C779	*E2	E1	D2	L673	G1	Q672	G1
C204	A2	C650	F3	C780	*E1	E2	C4	L674	H1	Q673	G1
C211	*A2	C651	F2	C781	D2	E3	H5	L675	G1	Q674	*H1
C212	*A2	C652	*F2	C782	D1	E201	*C4	L676	H1	Q676	*H1
C213	A2	C653	F2	C783	*D2	E301	*D3	L701	G3	Q677	G1
C214	A2	C654	F3	C784	*D1	E601	H1	L702	H2	Q678	G1
C216	A2	C655	F2	C785	*D2	E700	B3	L703	F2	Q701	*E4
C218	A2	C656	*F2	C786	*D1	E701	C2	L704	F2	Q702	E5
C219	A2	C657	*F2	C787	D2					Q705	*G2
C221	A2	C658	F3	C788	D2	FL21	G5	Q1	A4	Q762	G1
C230	A1	C659	*F2	C789	*D2	FL22	G4	Q2	A4	Q763	G2
C241	*A4	C660	F3	C790	*D1	FL41	H5	Q4	*B4	Q675	*H1
C242	*A4	C661	*F2	C791	D1	FL42	H4	Q5	*B4		
C302	B1	C662	E3	C792	D1	FL601	F4	Q21	*G4	R1	*A5
C303	*B1	C663	E3	C793	*D2	FL602	F4	Q22	*G4	R2	A4
C304	A2	C664	*E2	C794	*D1	FL603	G3	Q23	*G4	R3	A4
C310	*B2	C665	*E3	C795	*D1	FL702	F3	Q24	*F4	R4	A4
C311	*B2	C666	*E2	C796	*D1	FL703	G4	Q41	*H4	R5	*B4
C312	*B2	C667	D2	C797	*D2	FL762	F2	Q42	*H4	R6	A4
C313	B2	C668	D2	C798	*D1			Q43	*H4	R7	A4
C314	B2	C669	*E3	C799	*D1	IC1	*A4	Q44	*G4	R8	*B4
C316	B2	C672	*G2	C800	*D1	IC2	*A4	Q61	*C5	R9	*B4
C317	B2	C673	*F2	C801	D1	IC3	B4	Q62	*C5	R10	*B4
C319	B2	C674	*G1	C802	D1	IC4	*B4	Q63	*C5	R11	*B4
C321	B2	C675	H1			IC70	G4	Q64	*C5	R12	*C4
C330	B1	C676	*G1	CL1	*G4	IC71	*D5	Q71	*D4	R13	*C4
C341	*B4	C677	*H1	CL2	*H4	IC91	*D5	Q72	*D4	R14	*C4



AFM-16 -A SIDE-
SUFFIX: -11



AFM-16 -B SIDE-

SUFFIX: -11

R15	*C4	R130	*A3	R337	*B4	R544	C3	R681	G1	R792	*E1
R16	*D4	R131	*F1	R338	*B4	R545	C4	R682	G1	R793	*E1
R17	*D4	R132	*F1	R339	*B4	R546	C3	R683	G1	R794	*D2
R18	*D4	R133	*F1	R341	B4	R547	B4	R684	H1	R795	*D1
R19	*D4	R134	*F1	R342	B4	R549	D4	R685	H1	R796	*D2
R20	*B4	R135	*F1	R343	B4	R550	C4	R686	H1	R797	*D1
R21	*G4	R136	*F1	R344	B4	R552	C3	R687	*H1	R798	D1
R22	*G4	R137	*F1	R345	B4	R553	C3	R688	H1	R799	D1
R23	*G4	R138	*F1	R346	B4	R554	*D3	R689	H1	R800	*D2
R24	*G4	R139	*E1	R347	B4	R555	D4	R690	*H1	R801	*D1
R25	*G4	R140	*E1	R348	B4	R556	D4	R691	H1	R802	*D2
R26	*G4	R141	*F1	R401	C1	R557	D4	R692	*H1	R803	*D2
R27	*G4	R142	*E1	R403	C1	R558	D4	R693	*H1	R804	*D1
R28	*G4	R143	*F1	R404	C1	R559	*D4	R694	G1	R805	*D1
R29	*G4	R144	*E1	R405	C1	R561	A4	R695	G1	R813	*A3
R30	*G4	R145	*A3	R406	C1	R562	C4	R700	*F2	R814	*D3
R31	*F4	R146	*A3	R407	*B1	R563	C4	R701	*H4	R815	*A3
R32	*F4	R147	*F5	R409	C1	R564	*C4	R702	*G4	R816	*C2
R33	*F4	R148	*F5	R410	B1	R565	*D4	R703	*G4		
R34	*G5	R149	*A3	R411	B1	R566	B4	R704	*G4	RB72	*D5
R35	*G5	R150	*A3	R412	*B2	R600	G2	R705	*G4	RB91	*D5
R36	*B4	R151	*B3	R413	B2	R601	*G4	R706	*H4	RB92	*D5
R37	*B4	R152	*B3	R414	B2	R602	*F4	R707	*G4	RB451	B4
R41	*H4	R153	*B3	R415	B1	R603	*F4	R708	*G4	RB551	B4
R42	*H4	R154	*B3	R416	C1	R604	*E4	R709	*H4		
R43	*H4	R155	*A3	R417	C2	R605	*E4	R710	*E4	RV21	F4
R44	*H4	R156	*B4	R420	C2	R606	*G4	R711	*H4	RV41	G4
R45	*H4	R157	*A3	R421	C2	R607	*F5	R712	*H4	RV131	F1
R46	*H4	R161	*B3	R422	C1	R608	*F4	R713	*G4	RV201	A1
R47	*H4	R162	*B3	R426	*C2	R609	*F4	R714	*G4	RV301	B1
R48	*H4	R163	*B3	R432	B3	R610	*F4	R715	*G4	RV401	B1
R49	*H4	R164	*B3	R434	*B3	R611	F4	R716	*G4	RV501	C1
R50	*H4	R201	A1	R435	*C3	R612	F4	R717	*G4	RV601	E3
R51	*G4	R203	A1	R436	*C3	R613	E4	R718	*G4	RV602	F3
R52	*G4	R204	A1	R437	*C3	R614	E4	R719	*G4	RV603	F3
R53	*G4	R205	A1	R438	*C3	R615	E4	R720	*G4	RV662	E2
R60	E5	R206	A1	R439	C3	R616	E2	R721	*G4	RV663	D2
R61	*C5	R207	*A1	R440	B3	R617	G2	R722	*F2	RV701	H3
R62	*C5	R209	A1	R441	C3	R618	F2	R730	*F3	RV702	G3
R63	*C4	R210	A2	R442	B3	R619	*E3	R731	*G4	RV703	G3
R64	*C5	R211	A1	R443	C3	R620	E4	R732	*H3	RV762	H2
R65	*C5	R212	*A2	R444	C3	R621	E4	R733	*E3	RV763	G2
R66	*C4	R213	*A2	R445	C4	R622	*E4	R734	*G4	RV801	A3
R67	*D5	R214	*A2	R446	B3	R623	*E3	R735	*G3	RV802	A3
R68	*D5	R215	A2	R447	B4	R624	H2	R736	*H2	RV803	D2
R69	E5	R216	A2	R449	C4	R625	H3	R737	H3	RV804	C2
R70	*G4	R217	A2	R451	C4	R631	*F3	R738	H3		
R71	*D4	R218	A2	R453	C3	R632	*H3	R739	*H2	S701	B4
R72	*D4	R219	A2	R454	C3	R633	*E4	R740	*H2		
R73	D4	R220	A2	R455	*C3	R634	*G3	R741	H2	TH101	F4
R74	*D5	R222	A2	R456	C4	R635	*D3	R742	*H2	TH201	*A1
R75	*D5	R223	A2	R457	C4	R636	*D3	R743	H3	TH301	*B1
R81	*D4	R224	*A2	R458	C4	R637	E3	R744	H3	TH401	*B1
R82	*D4	R235	*A4	R459	C4	R638	E3	R745	*G3	TH501	*C1
R83	D4	R236	*A4	R460	*C4	R639	E3	R746	*F2		
R84	*D4	R237	*A4	R461	C4	R640	*E3	R747	*G3	TP1	F4
R85	*D4	R238	*A4	R462	C4	R641	*E3	R748	*G2	TP2	G4
R86	D4	R239	*A4	R463	*C4	R642	E3	R749	*G2	TP121	E5
R91	*C4	R241	A4	R464	*C4	R643	*E3	R750	*G2	TP131	F1
R92	*C4	R242	A4	R501	D1	R644	E4	R751	*G2	TP132	F1
R93	*D4	R243	A4	R503	D1	R645	E4	R752	G2	TP601	F4
R94	*D4	R244	A4	R504	C1	R646	*E3	R753	*G2	TP602	E3
R95	*D4	R245	A4	R505	C1	R647	*E2	R754	G3	TP603	H1
R96	*D4	R246	A4	R506	C1	R648	*F3	R755	G3	TP651	E3
R97	*D4	R247	A4	R507	*C1	R649	*F3	R762	H2	TP661	F1
R98	*D4	R248	A4	R509	D1	R650	*F2	R763	H2	TP700	G4
R100	*A3	R301	B1	R510	C1	R651	*F2	R764	*H2	TP701	H3
R101	*F4	R303	B1	R511	C1	R652	*F2	R765	*H2	TP703	B3
R102	*F4	R304	B1	R512	*C2	R653	*F2	R766	*H2	TP704	C2
R103	*F4	R305	B1	R513	C2	R654	F2	R767	*G2	TP705	B3
R104	*F4	R306	B1	R514	C2	R655	*F2	R768	G1	TP706	B2
R105	*F5	R307	*B1	R515	C1	R656	F3	R769	G1	TP751	F3
R106	*F4	R309	B1	R516	C1	R657	F3	R770	G1	TP761	E1
R107	F4	R310	B2	R517	D2	R662	E2	R771	G1		
R111	*F4	R311	A1	R520	C2	R663	E2	R772	*G1	*:B SIDE	
R113	*F4	R312	*B2	R521	C2	R664	*E3	R773	*G2		
R114	*F4	R313	*B2	R522	C1	R665	*E2	R774	*G1		
R115	*F5	R314	*B2	R523	*D2	R666	*E2	R775	*G2		
R116	*F4	R315	B2	R524	*D2	R667	*E2	R776	*E2		
R117	*F4	R316	B2	R525	*C2	R668	D2	R779	*E1		
R118	*A3	R317	B2	R526	*D2	R669	D2	R780	*F2		
R119	*A3	R318	B2	R532	C3	R670	D2	R781	*E2		
R120	*A3	R319	B2	R534	*C3	R671	D2	R782	D1		
R121	*F5	R320	B2	R535	*C3	R672	*D2	R783	D1		
R122	*F5	R321	*B2	R536	*C3	R673	*D2	R784	*E2		
R123	*E5	R322	B2	R537	*C3	R674	*D2	R785	*E1		
R124	E4	R323	B2	R538	*C3	R675	*D2	R786	*E2		
R125	E4	R324	*B3	R539	D3	R676	*G2	R787	*E1		
R126	E4	R325	*B3	R540	C3	R677	*F2	R788	*E2		
R127	E4	R326	*B2	R541	C3	R678	G1	R789	*E1		
R128	E4	R335	*B4	R542	B3	R679	G1	R790	*E2		
R129	E4	R336	*B4	R543	D3	R680	G1	R791	*E2		

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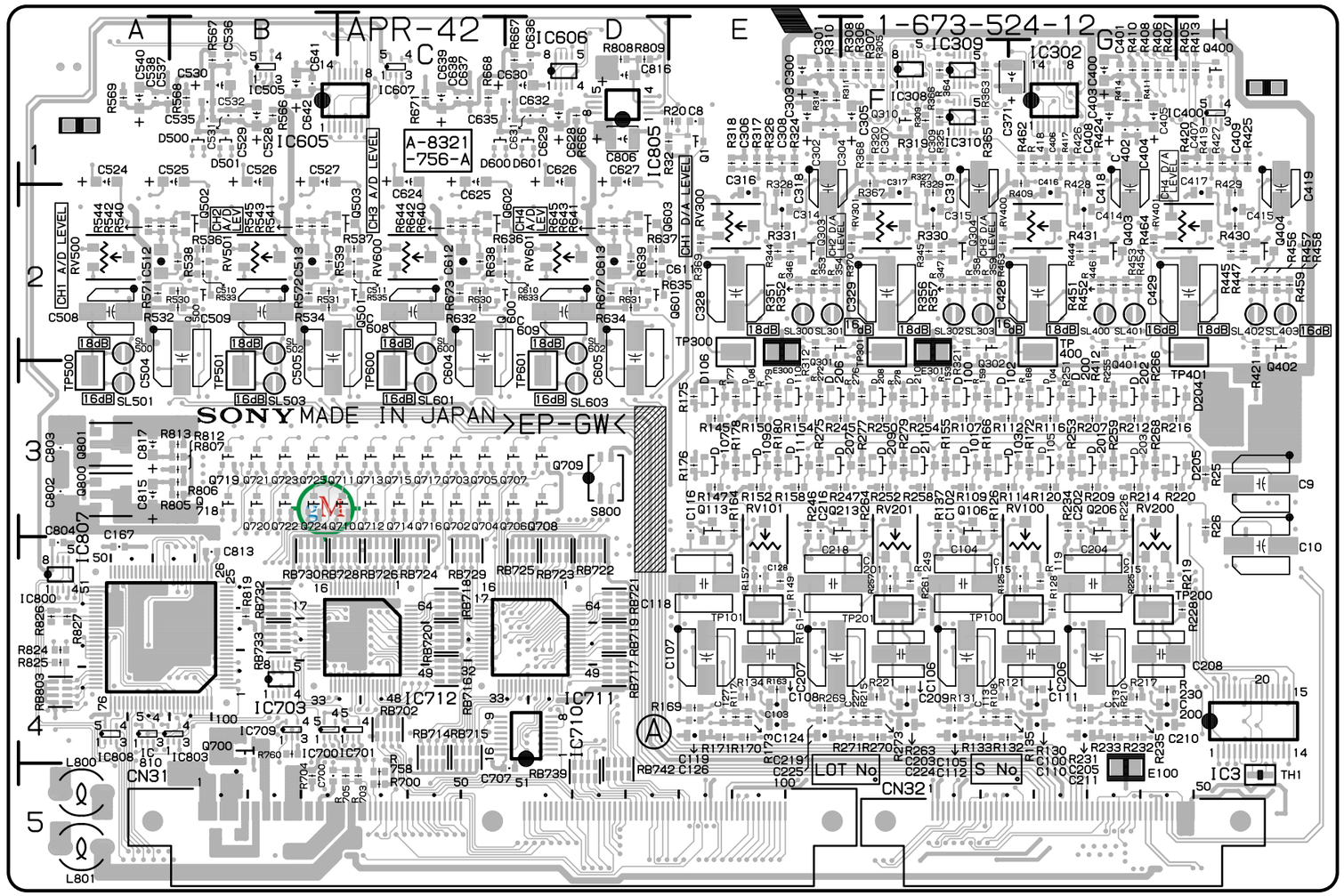
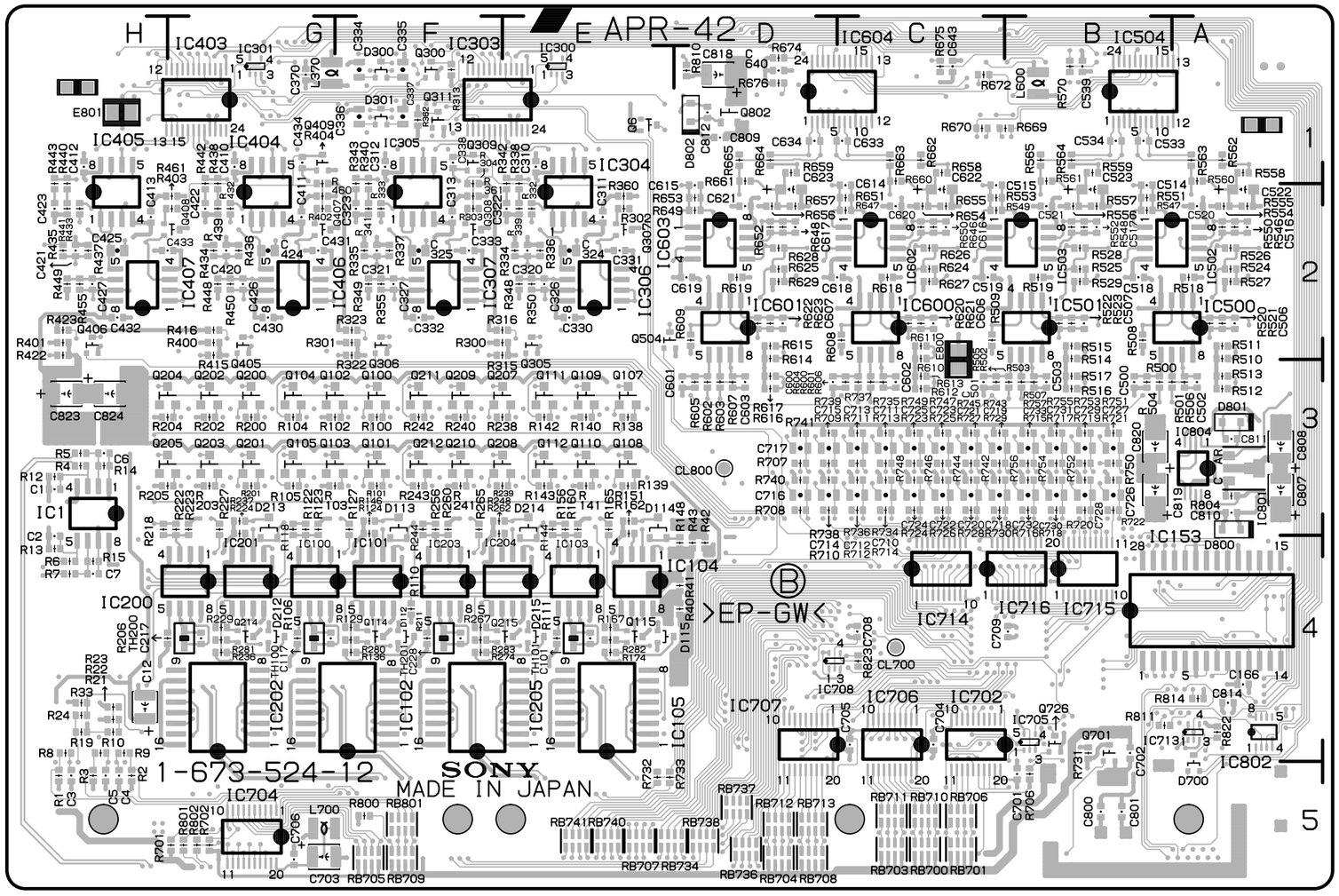
C1	*H3	C335	*F1	C610	D2	CL800	*D3	IC600	*C2	Q405	*G2	R121	F4
C2	*H4	C336	*F1	C611	D2			IC601	*D2	Q406	*H2	R122	*G3
C3	*H5	C337	*F1	C612	C2	CN31	C5	IC602	*C2	Q407	*G2	R123	*G3
C4	*H5	C338	*F1	C613	D2	CN32	G5	IC603	*D2	Q408	*G2	R124	*F3
C5	*H5	C370	*G1	C614	*C2			IC604	*D1	Q409	*G1	R125	G4
C6	*H3	C371	G1	C615	*D2	D100	F3	IC605	B1	Q500	B2	R126	F3
C7	*H4	C400	G1	C616	*C2	D101	F3	IC606	D1	Q501	C2	R127	*F3
C8	E1	C401	G1	C617	*D2	D102	G3	IC607	C1	Q502	B2	R128	G4
C9	H3	C402	G1	C618	*D2	D103	G3	IC700	B4	Q503	C2	R129	*F4
C10	H4	C403	G1	C619	*D2	D104	G3	IC701	C4	Q504	*E2	R130	G4
C12	*H4	C404	G1	C620	*C2	D105	G3	IC702	*C4	Q600	D2	R131	F4
C100	G4	C405	G1	C621	*D2	D106	E3	IC703	B4	Q601	D2	R132	F4
C101	*E4	C406	G1	C622	*C2	D107	E3	IC704	*G5	Q602	C2	R133	F4
C102	F3	C407	H1	C623	*D2	D108	E3	IC705	*B4	Q603	D2	R134	E4
C103	E4	C408	G1	C624	C1	D109	E3	IC706	*C4	Q700	B4	R135	G4
C104	F4	C409	H1	C625	C1	D110	E3	IC707	*D4	Q701	*B4	R136	*F4
C105	F4	C410	*G1	C626	D1	D111	E3	IC708	*D4	Q702	C3	R137	F3
C106	F4	C411	*G2	C627	D1	D112	*F4	IC709	B4	Q703	C3	R138	*E3
C107	E4	C412	*H1	C628	D1	D113	*F3	IC710	D4	Q704	C3	R139	*E3
C108	E4	C413	*H2	C629	D1	D114	*E3	IC711	D4	Q705	C3	R140	*E3
C110	G4	C414	G2	C630	D1	D115	*E4	IC712	C4	Q706	D3	R141	*E3
C111	G4	C415	H2	C631	D1	D200	G3	IC713	*A4	Q707	D3	R142	*E3
C112	F4	C416	G2	C632	D1	D201	G3	IC714	*C4	Q708	D3	R143	*E3
C113	F4	C417	H2	C633	*C1	D202	G3	IC715	*B4	Q709	D3	R144	*E3
C115	G4	C418	G2	C634	*D1	D203	G3	IC716	*C4	Q710	C3	R145	E3
C116	E3	C419	H2	C635	D1	D204	H3	IC800	A4	Q711	C3	R146	*F3
C117	*G4	C420	*G2	C636	D1	D205	H3	IC801	*A3	Q712	C3	R147	E3
C118	E4	C421	*H2	C637	C1	D206	F3	IC802	*A4	Q713	C3	R148	*D4
C119	E4	C422	*G2	C638	C1	D207	F3	IC803	B4	Q714	C3	R149	E4
C124	E4	C423	*H2	C639	C1	D208	F3	IC804	*A3	Q715	C3	R150	E3
C126	E4	C424	*G2	C640	*D1	D209	F3	IC805	D1	Q716	C3	R151	*E3
C127	E4	C425	*H2	C641	B1	D210	F3	IC807	A4	Q717	C3	R152	E3
C128	E4	C426	*G2	C642	B1	D211	F3	IC808	A4	Q718	B3	R153	F3
C166	*A4	C427	*H2	C643	*C1	D212	*G4	IC810	A4	Q719	B3	R154	E3
C167	A4	C428	G2	C700	B5	D213	*G3			Q720	B3	R155	F3
C200	G4	C429	H2	C701	*B5	D214	*E3	L370	*G1	Q721	B3	R156	*E3
C201	F4	C430	*G2	C702	*B4	D215	*E4	L600	*B1	Q722	B3	R157	E4
C202	G3	C431	*G2	C703	*G5	D300	*F1	L700	*G5	Q723	B3	R158	E3
C203	F4	C432	*H2	C704	*C4	D301	*F1	L800	A5	Q724	B3	R159	F3
C204	G4	C433	*H2	C705	*C4	D500	B1	L801	A5	Q725	B3	R160	*E3
C205	G4	C434	*G1	C706	*G5	D501	B1			Q726	*B4	R161	E4
C206	G4	C500	*B3	C707	D5	D600	C1	Q1	E1	Q800	A3	R162	*E3
C207	E4	C501	*C3	C708	*C4	D601	D1	Q6	*E1	Q801	A3	R163	E4
C208	G4	C502	*A3	C709	*B4	D700	*A5	Q100	*F3	Q802	*D1	R164	E3
C209	F4	C503	*B3	C710	*C3	D800	*A3	Q101	*F3			R165	*E3
C210	G4	C504	B2	C711	*C3	D801	*A3	Q102	*G3	R1	*H5	R166	F3
C211	G4	C505	B2	C712	*C3	D802	*D1	Q103	*G3	R2	*H5	R167	*E4
C213	G4	C506	*A2	C713	*C3			Q104	*G3	R3	*H5	R168	G3
C215	G4	C507	*B2	C714	*D3	E100	G5	Q105	*G3	R4	*H3	R169	E4
C216	E3	C508	A2	C715	*D3	E300	E2	Q106	F3	R5	*H3	R170	E4
C217	*G4	C509	B2	C716	*D3	E301	F2	Q107	*E3	R6	*H4	R171	E4
C218	E4	C510	B2	C717	*D3	E800	*C2	Q108	*E3	R7	*H4	R172	G3
C219	E4	C511	C2	C718	*C3	E801	*H1	Q109	*E3	R8	*H4	R173	E4
C224	F4	C512	A2	C719	*C3			Q110	*E3	R9	*H4	R174	*E4
C225	E4	C513	B2	C720	*C3	IC1	*H3	Q111	*E3	R10	*H4	R175	E3
C227	F4	C514	*B2	C721	*C3	IC3	H4	Q112	*E3	R12	*H3	R176	E3
C228	*F4	C515	*C2	C722	*C3	IC100	*G4	Q113	E3	R13	*H4	R177	E3
C300	E1	C516	*A2	C723	*C3	IC101	*F4	Q114	*F4	R14	*H3	R178	E3
C301	E1	C517	*B2	C724	*C3	IC102	*F4	Q115	*E4	R15	*H4	R179	E3
C302	E1	C518	*B2	C725	*C3	IC103	*E4	Q200	*G3	R19	*H4	R180	E3
C303	E1	C519	*C2	C726	*B3	IC104	*E4	Q201	*G3	R20	E1	R200	*G3
C304	E1	C520	*A2	C727	*B3	IC105	*E4	Q202	*G3	R21	*H4	R201	*G3
C305	F1	C521	*B2	C728	*B3	IC153	*B4	Q203	*G3	R22	*H4	R202	*G3
C306	E1	C522	*A2	C729	*B3	IC200	*G4	Q204	*H3	R23	*H4	R203	*G3
C307	F1	C523	*B2	C730	*B3	IC201	*G4	Q205	*H3	R24	*H4	R204	*H3
C308	E1	C524	A1	C731	*B3	IC202	*G4	Q206	G3	R25	H3	R205	*H3
C309	F1	C525	B1	C732	*B3	IC203	*F4	Q207	*F3	R26	H3	R206	*H4
C310	*E1	C526	B1	C733	*B3	IC204	*E4	Q208	*F3	R32	E1	R207	G3
C311	*E2	C527	B1	C800	*B5	IC205	*E4	Q209	*F3	R33	*H4	R209	G3
C312	*F1	C528	B1	C801	*B5	IC300	*E1	Q210	*F3	R40	*D4	R210	G4
C313	*F2	C529	B1	C802	A3	IC301	*G1	Q211	*F3	R41	*D4	R211	*F4
C314	E2	C530	B1	C803	A3	IC302	G1	Q212	*F3	R42	*D4	R212	G3
C315	F2	C531	B1	C804	A4	IC303	*E1	Q213	F3	R43	*D4	R214	G3
C316	E2	C532	B1	C806	D1	IC304	*E2	Q214	*G4	R100	*F3	R215	F4
C317	F2	C533	*B1	C807	*A3	IC305	*F2	Q215	*E4	R101	*F3	R216	H3
C318	E2	C534	*B1	C808	*A3	IC306	*E2	Q300	*F1	R102	*G3	R217	G4
C319	F2	C535	B1	C809	*D1	IC307	*F2	Q301	F2	R103	*G3	R218	*H3
C320	*E2	C536	B1	C810	*A3	IC308	F1	Q302	F2	R104	*G3	R219	G4
C321	*F2	C537	A1	C811	*A3	IC309	F1	Q303	E2	R105	*G3	R220	H3
C322	*E2	C538	A1	C812	*D1	IC310	F1	Q304	F2	R106	*G4	R221	F4
C323	*F2	C539	*B1	C813	B4	IC400	H1	Q305	*E2	R107	F3	R222	*G3
C324	*E2	C540	A1	C814	*A4	IC403	*G1	Q306	*F2	R108	F4	R223	*G3
C325	*F2	C600	*D3	C815	A3	IC404	*G2	Q307	*E2	R109	F3	R224	*G3
C326	*E2	C601	*D3	C816	D1	IC405	*H2	Q308	*F2	R110	*F4	R225	G4
C327	*F2	C602	*C3	C817	A3	IC406	*G2	Q309	*F1	R111	*E4	R226	G3
C328	E2	C603	*D3	C818	*D1	IC407	*G2	Q310	F1	R112	G3	R227	*G3
C329	F2	C604	C2	C819	*B3	IC500	*A2	Q311	*F1	R114	G3	R228	H4
C330	*E2	C605	D2	C820	*B3	IC501	*B2	Q400	H1	R116	G3	R229	*G4
C331	*E2	C606	*C2	C823	*H3	IC502	*B2	Q401	G2	R117	E4	R230	G4
C332	*F2	C607	*D2	C824	*H3	IC503	*C2	Q402	H2	R118	*G3	R231	G4
C333	*F2	C608	C2			IC504	*B1	Q403	G2	R119	G4	R232	G4
C334	*F1	C609	D2	CL700	*C4	IC505	B1	Q404	H2	R120	G3	R233	G4



APR-42 -A SIDE-
SUFFIX: -12



APR-42 -B SIDE-
SUFFIX: -12

R234	G3	R342	*E1	R463	F2	R617	*D3	R731	*B4	RB803	A4
R235	G4	R343	*F1	R464	G2	R618	*C2	R732	*E5		
R236	*G4	R344	E2	R500	*B3	R619	*D2	R733	*E5	RV100	G4
R237	*G3	R345	F2	R501	*B3	R620	*C2	R734	*C3	RV101	E4
R238	*F3	R346	E2	R502	*B3	R621	*C2	R735	*C3	RV200	G4
R239	*F3	R347	F2	R503	*B3	R622	*D2	R736	*C3	RV201	F4
R240	*F3	R348	*E2	R504	*B3	R623	*D2	R737	*C3	RV300	E2
R241	*F3	R349	*F2	R505	*C3	R624	*C2	R738	*D3	RV301	F2
R242	*F3	R350	*E2	R506	*A3	R625	*D2	R739	*D3	RV400	G2
R243	*F3	R351	E2	R507	*B3	R626	*C2	R740	*D3	RV401	H2
R244	*F3	R352	E2	R508	*B2	R627	*C2	R741	*D3	RV500	A2
R245	F3	R353	E2	R509	*C2	R628	*D2	R742	*C3	RV501	B2
R246	E3	R354	E2	R510	*A2	R629	*D2	R743	*C3	RV600	C2
R247	F3	R355	*F2	R511	*A2	R630	C2	R744	*C3	RV601	D2
R248	*F3	R356	F2	R512	*A3	R631	D2	R745	*C3		
R249	F4	R357	F2	R513	*A3	R632	C2	R746	*C3	S800	D3
R250	F3	R358	F2	R514	*B2	R633	D2	R747	*C3		
R251	G3	R359	F2	R515	*B2	R634	D2	R748	*C3	SL300	E2
R252	F3	R360	*E2	R516	*B3	R635	D2	R749	*C3	SL301	E2
R253	G3	R361	*F2	R517	*B3	R636	D2	R750	*B3	SL302	F2
R254	F3	R362	*F1	R518	*A2	R637	D2	R751	*B3	SL303	F2
R255	G3	R363	F1	R519	*B2	R638	C2	R752	*B3	SL400	G2
R256	*F3	R364	F1	R520	*A2	R639	D2	R753	*B3	SL401	G2
R257	F4	R365	F1	R521	*A2	R640	C2	R754	*B3	SL402	H2
R258	F3	R366	F1	R522	*B2	R641	D2	R755	*B3	SL403	H2
R259	G3	R367	F1	R523	*B2	R642	C2	R756	*B3	SL500	A2
R260	*F3	R368	F1	R524	*A2	R643	D2	R757	*B3	SL501	A3
R261	F4	R369	E2	R525	*B2	R644	C2	R758	C5	SL502	B2
R262	*F3	R370	F2	R526	*A2	R645	D2	R760	B4	SL503	B3
R263	F4	R400	*G2	R527	*A2	R646	*C2	R800	*F5	SL600	C2
R264	F3	R401	*H2	R528	*B2	R647	*C2	R801	*G5	SL601	C3
R265	*F3	R402	*G2	R529	*B2	R648	*D2	R802	*G5	SL602	D2
R266	G3	R403	*G2	R530	B2	R649	*D2	R804	*A3	SL603	D3
R267	*F4	R404	*G1	R531	B2	R650	*C2	R805	B3		
R268	G3	R405	H1	R532	B2	R651	*C2	R806	B3	TH1	H5
R269	E4	R406	G1	R533	B2	R652	*D2	R807	B3	TH100	*G4
R270	F4	R407	G1	R534	B2	R653	*D2	R808	D1	TH101	*E4
R271	F4	R408	G1	R535	C2	R654	*C2	R809	D1	TH200	*G4
R272	E3	R409	G1	R536	B2	R655	*C2	R810	*D1	TH201	*F4
R273	F4	R410	G1	R537	C2	R656	*D2	R811	*B4		
R274	*F4	R411	G1	R538	B2	R657	*D2	R812	B3	TP100	G4
R275	E3	R412	G2	R539	B2	R658	*C1	R813	B3	TP101	E4
R276	F3	R413	H1	R540	B2	R659	*D1	R814	*A4	TP200	G4
R277	F3	R414	G1	R541	B2	R660	*C1	R819	B4	TP201	F4
R278	F3	R415	*G2	R542	A2	R661	*D1	R822	*A4	TP300	E2
R279	F3	R416	*G2	R543	B2	R662	*C1	R823	*C4	TP301	F2
R280	*F4	R417	G1	R544	A2	R663	*C1	R824	A4	TP400	G2
R281	*G4	R418	G1	R545	B2	R664	*D1	R825	A4	TP401	H2
R282	*E4	R419	H1	R546	*A2	R665	*D1	R826	A4	TP500	A3
R283	*F4	R420	H1	R547	*B2	R666	D1	R827	A4	TP501	B3
R300	*F2	R421	H2	R548	*B2	R667	D1			TP600	C3
R301	*F2	R422	*H2	R549	*C2	R668	C1	RB700	*C5	TP601	D3
R302	*E2	R423	*H2	R550	*A2	R669	*B1	RB701	*C5		
R303	*F2	R424	G1	R551	*B2	R670	*C1	RB702	C4	*:B SIDE	
R304	*F1	R425	H1	R552	*B2	R671	C1	RB703	*C5		
R305	F1	R426	G1	R553	*C2	R672	*C1	RB704	*D5		
R306	F1	R427	H1	R554	*A2	R673	C2	RB705	*F5		
R307	F1	R428	G2	R555	*A2	R674	*D1	RB706	*C5		
R308	F1	R429	H2	R556	*B2	R675	*C1	RB707	*E5		
R309	F1	R430	H2	R557	*B2	R676	*D1	RB708	*D5		
R310	E1	R431	G2	R558	*A1	R677	D2	RB709	*F5		
R311	E1	R432	*G2	R559	*B1	R700	C5	RB710	*C5		
R312	E2	R433	*H2	R560	*A1	R701	*G5	RB711	*C5		
R313	*F1	R434	*G2	R561	*B1	R702	*G5	RB712	*D5		
R314	E1	R435	*H2	R562	*A1	R703	C5	RB713	*D5		
R315	*F2	R436	*G2	R563	*A1	R704	B5	RB714	C4		
R316	*F2	R437	*H2	R564	*B1	R705	C5	RB715	C4		
R317	E1	R438	*G1	R565	*B1	R706	*B5	RB716	C4		
R318	E1	R439	*G2	R566	B1	R707	*D3	RB717	D4		
R319	F1	R440	*H1	R567	B1	R708	*D3	RB718	C4		
R320	F1	R441	*H2	R568	B1	R709	*D3	RB719	D4		
R321	F2	R442	*G1	R569	A1	R710	*D3	RB720	C4		
R322	*F2	R443	*H1	R570	*B1	R711	*C3	RB721	D4		
R323	*F2	R444	G2	R571	A2	R712	*C3	RB722	D4		
R324	E1	R445	H2	R572	B2	R713	*C3	RB723	D4		
R325	F1	R446	G2	R600	*C3	R714	*C3	RB724	C4		
R326	E1	R447	H2	R601	*C3	R715	*B3	RB725	D4		
R327	F1	R448	*G2	R602	*D3	R716	*B3	RB726	C4		
R328	E2	R449	*H2	R603	*D3	R717	*B3	RB728	C4		
R329	F2	R450	*G2	R604	*C3	R718	*B3	RB729	C4		
R330	F2	R451	G2	R605	*D3	R719	*B3	RB730	B4		
R331	E2	R452	G2	R606	*C3	R720	*B3	RB732	B4		
R332	*E2	R453	G2	R607	*D3	R721	*B3	RB733	B4		
R333	*F2	R454	G2	R608	*C2	R722	*B3	RB734	*E5		
R334	*E2	R455	*H2	R609	*D2	R723	*C3	RB736	*D5		
R335	*F2	R456	H2	R610	*C2	R724	*C3	RB737	*D5		
R336	*E2	R457	H2	R611	*C2	R725	*C3	RB738	*D5		
R337	*F2	R458	H2	R612	*C3	R726	*C3	RB739	D5		
R338	*E1	R459	H2	R613	*C3	R727	*C3	RB740	*E5		
R339	*E2	R460	*G2	R614	*D2	R728	*C3	RB741	*E5		
R340	*F1	R461	*G2	R615	*D2	R729	*C3	RB742	D5		
R341	*F2	R462	G1	R616	*D3	R730	*C3	RB801	*F5		

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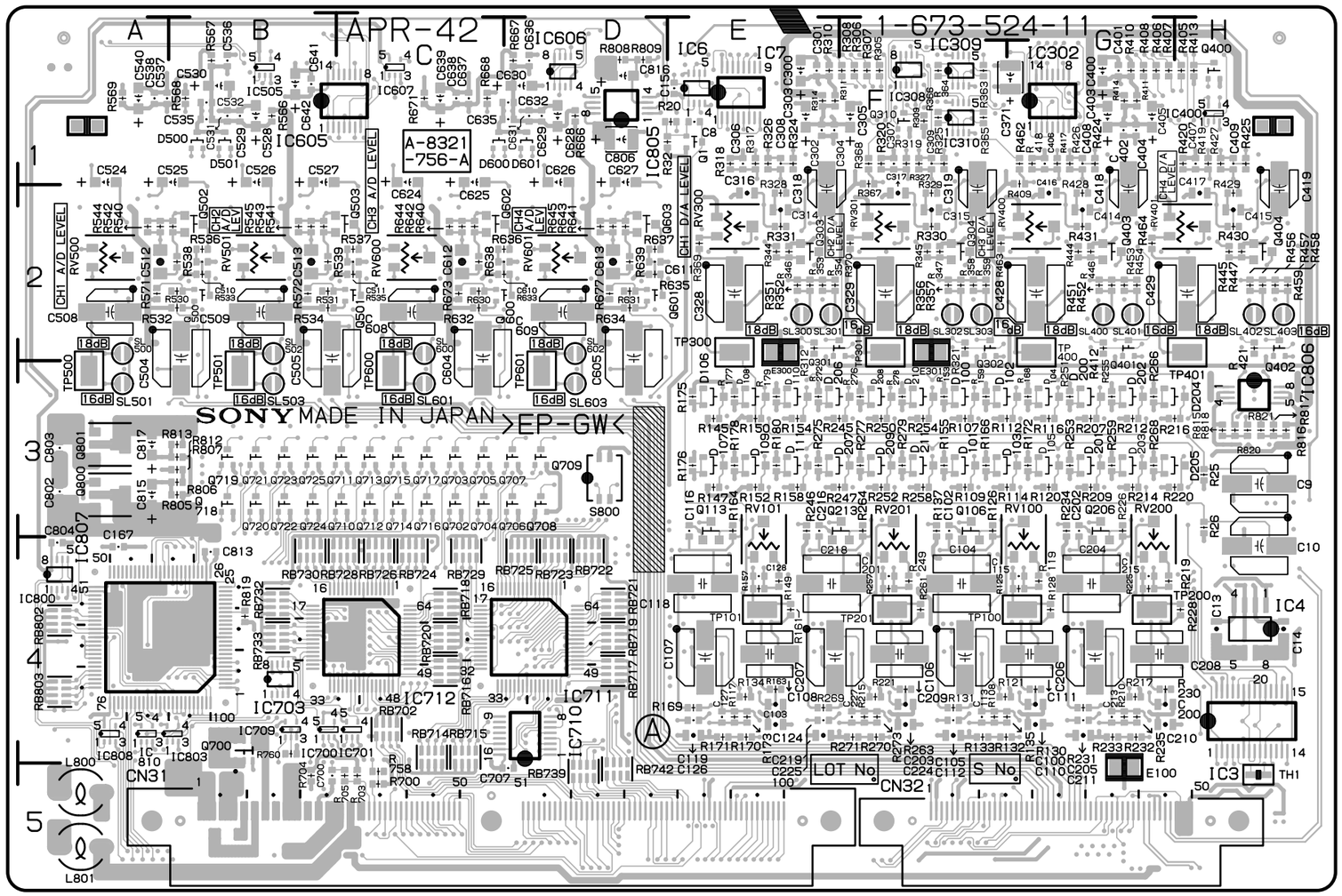
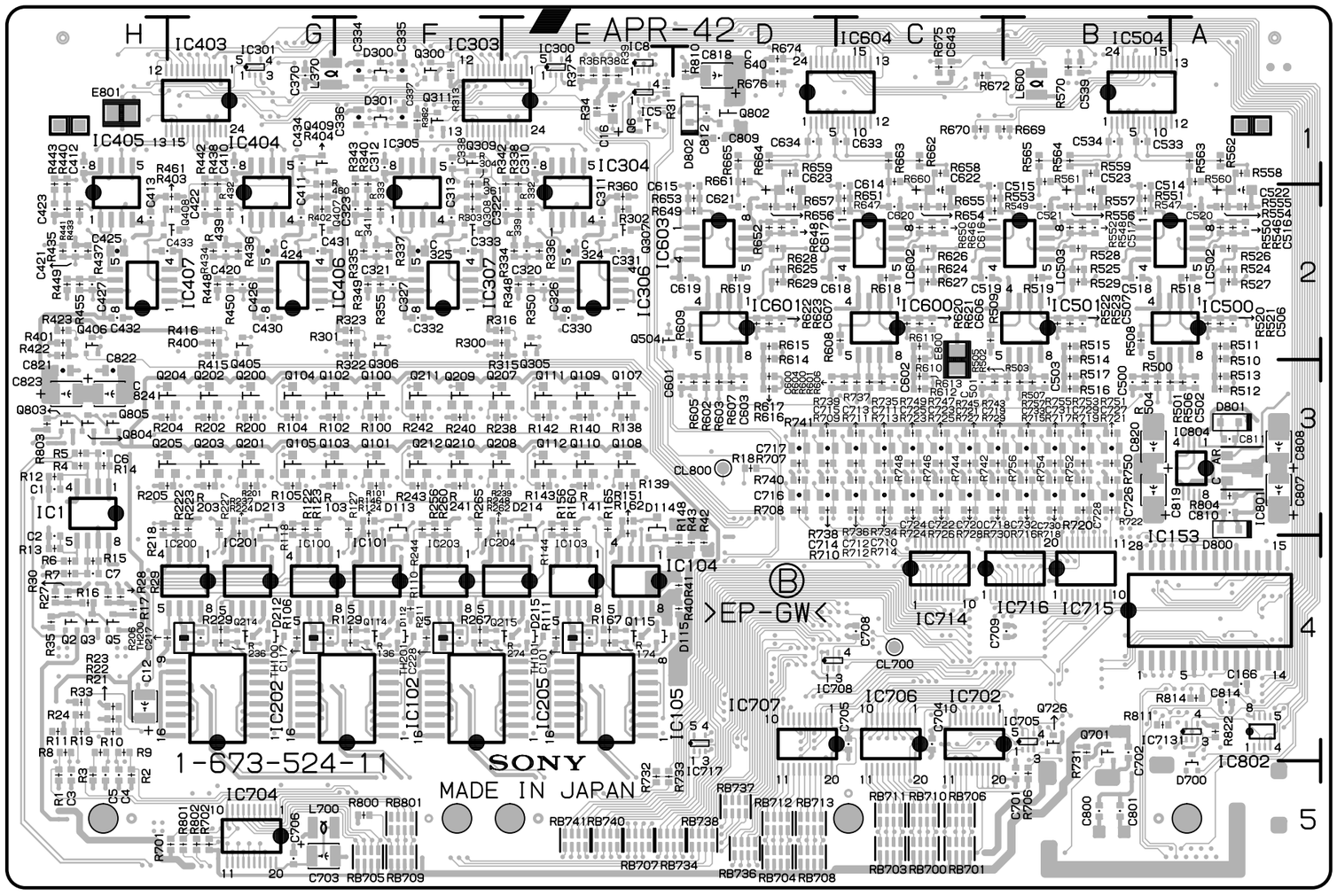
C1	*H3	C331	*E2	C606	*C2	C821	*H3	IC403	*G1	Q301	F2	R29	*H4
C2	*H4	C332	*F2	C607	*D2	C822	*H3	IC404	*G2	Q302	F2	R30	*H4
C3	*H5	C333	*F2	C608	C2	C823	*H3	IC405	*H2	Q303	E2	R31	*E1
C4	*H5	C334	*F1	C609	D2	C824	*H3	IC406	*G2	Q304	F2	R32	E1
C5	*H5	C335	*F1	C610	D2			IC407	*G2	Q305	*E2	R33	*H4
C6	*H3	C336	*F1	C611	D2	CL700	*C4	IC500	*A2	Q306	*F2	R34	*E1
C7	*H4	C337	*F1	C612	C2	CL800	*D3	IC501	*B2	Q307	*E2	R35	*H4
C8	E1	C338	*F1	C613	D2			IC502	*B2	Q308	*F2	R36	*E1
C9	H3	C370	*G1	C614	*C2	CN31	C5	IC503	*C2	Q309	*F1	R37	*E1
C10	H4	C371	G1	C615	*D2	CN32	G5	IC504	*B1	Q310	F1	R38	*E1
C12	*H4	C400	G1	C616	*C2			IC505	B1	Q311	*F1	R39	*E1
C13	H4	C401	G1	C617	*D2	D100	F3	IC600	*C2	Q400	H1	R40	*D4
C14	H4	C402	G1	C618	*D2	D101	F3	IC601	*D2	Q401	G2	R41	*D4
C15	E1	C403	G1	C619	*D2	D102	G3	IC602	*C2	Q402	H2	R42	*D4
C16	*E1	C404	G1	C620	*C2	D103	G3	IC603	*D2	Q403	G2	R43	*D4
C100	G4	C405	G1	C621	*D2	D104	G3	IC604	*D1	Q404	H2	R100	*F3
C101	*E4	C406	G1	C622	*C2	D105	G3	IC605	B1	Q405	*G2	R101	*F3
C102	F3	C407	H1	C623	*D2	D106	E3	IC606	D1	Q406	*H2	R102	*G3
C103	E4	C408	G1	C624	C1	D107	E3	IC607	C1	Q407	*G2	R103	*G3
C104	F4	C409	H1	C625	C1	D108	E3	IC700	B4	Q408	*G2	R104	*G3
C105	F4	C410	*G1	C626	D1	D109	E3	IC701	C4	Q409	*G1	R105	*G3
C106	F4	C411	*G2	C627	D1	D110	E3	IC702	*C4	Q500	B2	R106	*G4
C107	E4	C412	*H1	C628	D1	D111	E3	IC703	B4	Q501	C2	R107	F3
C108	E4	C413	*H2	C629	D1	D112	*F4	IC704	*G5	Q502	B2	R108	F4
C110	G4	C414	G2	C630	D1	D113	*F3	IC705	*B4	Q503	C2	R109	F3
C111	G4	C415	H2	C631	D1	D114	*E3	IC706	*C4	Q504	*E2	R110	*F4
C112	F4	C416	G2	C632	D1	D115	*E4	IC707	*D4	Q600	D2	R111	*E4
C113	F4	C417	H2	C633	*C1	D200	G3	IC708	*D4	Q601	D2	R112	G3
C115	G4	C418	G2	C634	*D1	D201	G3	IC709	B4	Q602	C2	R114	G3
C116	E3	C419	H2	C635	D1	D202	G3	IC710	D4	Q603	D2	R116	G3
C117	*G4	C420	*G2	C636	D1	D203	G3	IC711	D4	Q700	B4	R117	E4
C118	E4	C421	*H2	C637	C1	D204	H3	IC712	C4	Q701	*B4	R118	*G3
C119	E4	C422	*G2	C638	C1	D205	H3	IC713	*A4	Q702	C3	R119	G4
C124	E4	C423	*H2	C639	C1	D206	F3	IC714	*C4	Q703	C3	R120	G3
C126	E4	C424	*G2	C640	*D1	D207	F3	IC715	*B4	Q704	C3	R121	F4
C127	E4	C425	*H2	C641	B1	D208	F3	IC716	*C4	Q705	C3	R122	*G3
C128	E4	C426	*G2	C642	B1	D209	F3	IC717	*D4	Q706	D3	R123	*G3
C166	*A4	C427	*H2	C643	*C1	D210	F3	IC800	A4	Q707	D3	R124	*F3
C167	A4	C428	G2	C700	B5	D211	F3	IC801	*A3	Q708	D3	R125	G4
C200	G4	C429	H2	C701	*B5	D212	*G4	IC802	*A4	Q709	D3	R126	F3
C201	F4	C430	*G2	C702	*B4	D213	*G3	IC803	B4	Q710	C3	R127	*F3
C202	G3	C431	*G2	C703	*G5	D214	*E3	IC804	*A3	Q711	C3	R128	G4
C203	F4	C432	*H2	C704	*C4	D215	*E4	IC805	D1	Q712	C3	R129	*F4
C204	G4	C433	*H2	C705	*C4	D300	*F1	IC806	H3	Q713	C3	R130	G4
C205	G4	C434	*G1	C706	*G5	D301	*F1	IC807	A4	Q714	C3	R131	F4
C206	G4	C500	*B3	C707	D5	D500	B1	IC808	A4	Q715	C3	R132	F4
C207	E4	C501	*C3	C708	*C4	D501	B1	IC810	A4	Q716	C3	R133	F4
C208	G4	C502	*A3	C709	*B4	D600	C1			Q717	C3	R134	E4
C209	F4	C503	*B3	C710	*C3	D601	D1	L370	*G1	Q718	B3	R135	G4
C210	G4	C504	B2	C711	*C3	D700	*A5	L600	*B1	Q719	B3	R136	*F4
C211	G4	C505	B2	C712	*C3	D800	*A3	L700	*G5	Q720	B3	R137	F3
C213	G4	C506	*A2	C713	*C3	D801	*A3	L800	A5	Q721	B3	R138	*E3
C215	G4	C507	*B2	C714	*D3	D802	*D1	L801	A5	Q722	B3	R139	*E3
C216	E3	C508	A2	C715	*D3					Q723	B3	R140	*E3
C217	*G4	C509	B2	C716	*D3	E100	G5	Q1	E1	Q724	B3	R141	*E3
C218	E4	C510	B2	C717	*D3	E300	E2	Q2	*H4	Q725	B3	R142	*E3
C219	E4	C511	C2	C718	*C3	E301	F2	Q3	*H4	Q726	*B4	R143	*E3
C224	F4	C512	A2	C719	*C3	E800	*C2	Q5	*H4	Q800	A3	R144	*E3
C225	E4	C513	B2	C720	*C3	E801	*H1	Q6	*E1	Q801	A3	R145	E3
C227	F4	C514	*B2	C721	*C3			Q100	*F3	Q802	*D1	R146	*F3
C228	*F4	C515	*C2	C722	*C3	IC1	*H3	Q101	*F3	Q803	*H3	R147	E3
C300	E1	C516	*A2	C723	*C3	IC3	H4	Q102	*G3	Q804	*H3	R148	*D4
C301	E1	C517	*B2	C724	*C3	IC4	H4	Q103	*G3	Q805	*H3	R149	E4
C302	E1	C518	*B2	C725	*C3	IC5	*E1	Q104	*G3			R150	E3
C303	E1	C519	*C2	C726	*B3	IC6	E1	Q105	*G3	R1	*H5	R151	*E3
C304	E1	C520	*A2	C727	*B3	IC7	E1	Q106	F3	R2	*H5	R152	E3
C305	F1	C521	*B2	C728	*B3	IC8	*E1	Q107	*E3	R3	*H5	R153	F3
C306	E1	C522	*A2	C729	*B3	IC100	*G4	Q108	*E3	R4	*H3	R154	E3
C307	F1	C523	*B2	C730	*B3	IC101	*F4	Q109	*E3	R5	*H3	R155	F3
C308	E1	C524	A1	C731	*B3	IC102	*F4	Q110	*E3	R6	*H4	R156	*E3
C309	F1	C525	B1	C732	*B3	IC103	*E4	Q111	*E3	R7	*H4	R157	E4
C310	*E1	C526	B1	C733	*B3	IC104	*E4	Q112	*E3	R8	*H4	R158	E3
C311	*E2	C527	B1	C800	*B5	IC105	*E4	Q113	E3	R9	*H4	R159	F3
C312	*F1	C528	B1	C801	*B5	IC153	*B4	Q114	*F4	R10	*H4	R160	*E3
C313	*F2	C529	B1	C802	A3	IC200	*G4	Q115	*E4	R11	*H4	R161	E4
C314	E2	C530	B1	C803	A3	IC201	*G4	Q200	*G3	R12	*H3	R162	*E3
C315	F2	C531	B1	C804	A4	IC202	*G4	Q201	*G3	R13	*H4	R163	E4
C316	E2	C532	B1	C806	D1	IC203	*F4	Q202	*G3	R14	*H3	R164	E3
C317	F2	C533	*B1	C807	*A3	IC204	*E4	Q203	*G3	R15	*H4	R165	*E3
C318	E2	C534	*B1	C808	*A3	IC205	*E4	Q204	*H3	R16	*H4	R166	F3
C319	F2	C535	B1	C809	*D1	IC300	*E1	Q205	*H3	R17	*H4	R167	*E4
C320	*E2	C536	B1	C810	*A3	IC301	*G1	Q206	G3	R18	*D3	R168	G3
C321	*F2	C537	A1	C811	*A3	IC302	G1	Q207	*F3	R19	*H4	R169	E4
C322	*E2	C538	A1	C812	*D1	IC303	*E1	Q208	*F3	R20	E1	R170	E4
C323	*F2	C539	*B1	C813	B4	IC304	*E2	Q209	*F3	R21	*H4	R171	E4
C324	*E2	C540	A1	C814	*A4	IC305	*F2	Q210	*F3	R22	*H4	R172	G3
C325	*F2	C600	*D3	C815	A3	IC306	*E2	Q211	*F3	R23	*H4	R173	E4
C326	*E2	C601	*D3	C816	D1	IC307	*F2	Q212	*F3	R24	*H4	R174	*E4
C327	*F2	C602	*C3	C817	A3	IC308	F1	Q213	F3	R25	H3	R175	E3
C328	E2	C603	*D3	C818	*D1	IC309	F1	Q214	*G4	R26	H3	R176	E3
C329	F2	C604	C2	C819	*B3	IC310	F1	Q215	*E4	R27	*H4	R177	E3
C330	*E2	C605	D2	C820	*B3	IC400	H1	Q300	*F1	R28	*H4	R178	E3



APR-42 -A SIDE-
SUFFIX: -11



APR-42 -B SIDE-
SUFFIX: -11

R179	E3	R312	E2	R433	*H2	R560	*A1	R701	*G5	RB709	*F5
R180	E3	R313	*F1	R434	*G2	R561	*B1	R702	*G5	RB710	*C5
R200	*G3	R314	E1	R435	*H2	R562	*A1	R703	C5	RB711	*C5
R201	*G3	R315	*F2	R436	*G2	R563	*A1	R704	B5	RB712	*D5
R202	*G3	R316	*F2	R437	*H2	R564	*B1	R705	C5	RB713	*D5
R203	*G3	R317	E1	R438	*G1	R565	*B1	R706	*B5	RB714	C4
R204	*H3	R318	E1	R439	*G2	R566	B1	R707	*D3	RB715	C4
R205	*H3	R319	F1	R440	*H1	R567	B1	R708	*D3	RB716	C4
R206	*H4	R320	F1	R441	*H2	R568	B1	R709	*D3	RB717	D4
R207	G3	R321	F2	R442	*G1	R569	A1	R710	*D3	RB718	C4
R209	G3	R322	*F2	R443	*H1	R570	*B1	R711	*C3	RB719	D4
R210	G4	R323	*F2	R444	G2	R571	A2	R712	*C3	RB720	C4
R211	*F4	R324	E1	R445	H2	R572	B2	R713	*C3	RB721	D4
R212	G3	R325	F1	R446	G2	R600	*C3	R714	*C3	RB722	D4
R214	G3	R326	E1	R447	H2	R601	*C3	R715	*B3	RB723	D4
R215	F4	R327	F1	R448	*G2	R602	*D3	R716	*B3	RB724	C4
R216	H3	R328	E2	R449	*H2	R603	*D3	R717	*B3	RB725	D4
R217	G4	R329	F2	R450	*G2	R604	*C3	R718	*B3	RB726	C4
R218	*H3	R330	F2	R451	G2	R605	*D3	R719	*B3	RB728	C4
R219	G4	R331	E2	R452	G2	R606	*C3	R720	*B3	RB729	C4
R220	H3	R332	*E2	R453	G2	R607	*D3	R721	*B3	RB730	B4
R221	F4	R333	*F2	R454	G2	R608	*C2	R722	*B3	RB732	B4
R222	*G3	R334	*E2	R455	*H2	R609	*D2	R723	*C3	RB733	B4
R223	*G3	R335	*F2	R456	H2	R610	*C2	R724	*C3	RB734	*E5
R224	*G3	R336	*E2	R457	H2	R611	*C2	R725	*C3	RB736	*D5
R225	G4	R337	*F2	R458	H2	R612	*C3	R726	*C3	RB737	*D5
R226	G3	R338	*E1	R459	H2	R613	*C3	R727	*C3	RB738	*D5
R227	*G3	R339	*E2	R460	*G2	R614	*D2	R728	*C3	RB739	D5
R228	H4	R340	*F1	R461	*G2	R615	*D2	R729	*C3	RB740	*E5
R229	*G4	R341	*F2	R462	G1	R616	*D3	R730	*C3	RB741	*E5
R230	G4	R342	*E1	R463	F2	R617	*D3	R731	*B4	RB742	D5
R231	G4	R343	*F1	R464	G2	R618	*C2	R732	*E5	RB801	*F5
R232	G4	R344	E2	R500	*B3	R619	*D2	R733	*E5	RB802	A4
R233	G4	R345	F2	R501	*B3	R620	*C2	R734	*C3	RB803	A4
R234	G3	R346	E2	R502	*B3	R621	*C2	R735	*C3		
R235	G4	R347	F2	R503	*B3	R622	*D2	R736	*C3	RV100	G4
R236	*G4	R348	*E2	R504	*B3	R623	*D2	R737	*C3	RV101	E4
R237	*G3	R349	*F2	R505	*C3	R624	*C2	R738	*D3	RV200	G4
R238	*F3	R350	*E2	R506	*A3	R625	*D2	R739	*D3	RV201	F4
R239	*F3	R351	E2	R507	*B3	R626	*C2	R740	*D3	RV300	E2
R240	*F3	R352	E2	R508	*B2	R627	*C2	R741	*D3	RV301	F2
R241	*F3	R353	E2	R509	*C2	R628	*D2	R742	*C3	RV400	G2
R242	*F3	R354	E2	R510	*A2	R629	*D2	R743	*C3	RV401	H2
R243	*F3	R355	*F2	R511	*A2	R630	C2	R744	*C3	RV500	A2
R244	*F3	R356	F2	R512	*A3	R631	D2	R745	*C3	RV501	B2
R245	F3	R357	F2	R513	*A3	R632	C2	R746	*C3	RV600	C2
R246	E3	R358	F2	R514	*B2	R633	D2	R747	*C3	RV601	D2
R247	F3	R359	F2	R515	*B2	R634	D2	R748	*C3		
R248	*F3	R360	*E2	R516	*B3	R635	D2	R749	*C3	S800	D3
R249	F4	R361	*F2	R517	*B3	R636	D2	R750	*B3		
R250	F3	R362	*F1	R518	*A2	R637	D2	R751	*B3	SL300	E2
R251	G3	R363	F1	R519	*B2	R638	C2	R752	*B3	SL301	E2
R252	F3	R364	F1	R520	*A2	R639	D2	R753	*B3	SL302	F2
R253	G3	R365	F1	R521	*A2	R640	C2	R754	*B3	SL303	F2
R254	F3	R366	F1	R522	*B2	R641	D2	R755	*B3	SL400	G2
R255	G3	R367	F1	R523	*B2	R642	C2	R756	*B3	SL401	G2
R256	*F3	R368	F1	R524	*A2	R643	D2	R757	*B3	SL402	H2
R257	F4	R369	E2	R525	*B2	R644	C2	R758	C5	SL403	H2
R258	F3	R370	F2	R526	*A2	R645	D2	R760	B4	SL500	A2
R259	G3	R400	*G2	R527	*A2	R646	*C2	R800	*F5	SL501	A3
R260	*F3	R401	*H2	R528	*B2	R647	*C2	R801	*G5	SL502	B2
R261	F4	R402	*G2	R529	*B2	R648	*D2	R802	*G5	SL503	B3
R262	*F3	R403	*G2	R530	B2	R649	*D2	R803	*H3	SL600	C2
R263	F4	R404	*G1	R531	B2	R650	*C2	R804	*A3	SL601	C3
R264	F3	R405	H1	R532	B2	R651	*C2	R805	B3	SL602	D2
R265	*F3	R406	G1	R533	B2	R652	*D2	R806	B3	SL603	D3
R266	G3	R407	G1	R534	B2	R653	*D2	R807	B3		
R267	*F4	R408	G1	R535	C2	R654	*C2	R808	D1	TH1	H5
R268	G3	R409	G1	R536	B2	R655	*C2	R809	D1	TH100	*G4
R269	E4	R410	G1	R537	C2	R656	*D2	R810	*D1	TH101	*E4
R270	F4	R411	G1	R538	B2	R657	*D2	R811	*B4	TH200	*G4
R271	F4	R412	G2	R539	B2	R658	*C1	R812	B3	TH201	*F4
R272	E3	R413	H1	R540	B2	R659	*D1	R813	B3		
R273	F4	R414	G1	R541	B2	R660	*C1	R814	*A4	TP100	G4
R274	*F4	R415	*G2	R542	A2	R661	*D1	R815	H3	TP101	E4
R275	E3	R416	*G2	R543	B2	R662	*C1	R816	H3	TP200	G4
R276	F3	R417	G1	R544	A2	R663	*C1	R817	H3	TP201	F4
R277	F3	R418	G1	R545	B2	R664	*D1	R818	H3	TP300	E2
R278	F3	R419	H1	R546	*A2	R665	*D1	R819	B4	TP301	F2
R279	F3	R420	H1	R547	*B2	R666	D1	R820	H3	TP400	G2
R300	*F2	R421	H2	R548	*B2	R667	D1	R821	H3	TP401	H2
R301	*F2	R422	*H2	R549	*C2	R668	C1	R822	*A4	TP500	A3
R302	*E2	R423	*H2	R550	*A2	R669	*B1			TP501	B3
R303	*F2	R424	G1	R551	*B2	R670	*C1	RB700	*C5	TP600	C3
R304	*F1	R425	H1	R552	*B2	R671	C1	RB701	*C5	TP601	D3
R305	F1	R426	G1	R553	*C2	R672	*C1	RB702	C4		
R306	F1	R427	H1	R554	*A2	R673	C2	RB703	*C5	*:B SIDE	
R307	F1	R428	G2	R555	*A2	R674	*D1	RB704	*D5		
R308	F1	R429	H2	R556	*B2	R675	*C1	RB705	*F5		
R309	F1	R430	H2	R557	*B2	R676	*D1	RB706	*C5		
R310	E1	R431	G2	R558	*A1	R677	D2	RB707	*E5		
R311	E1	R432	*G2	R559	*B1	R700	C5	RB708	*D5		

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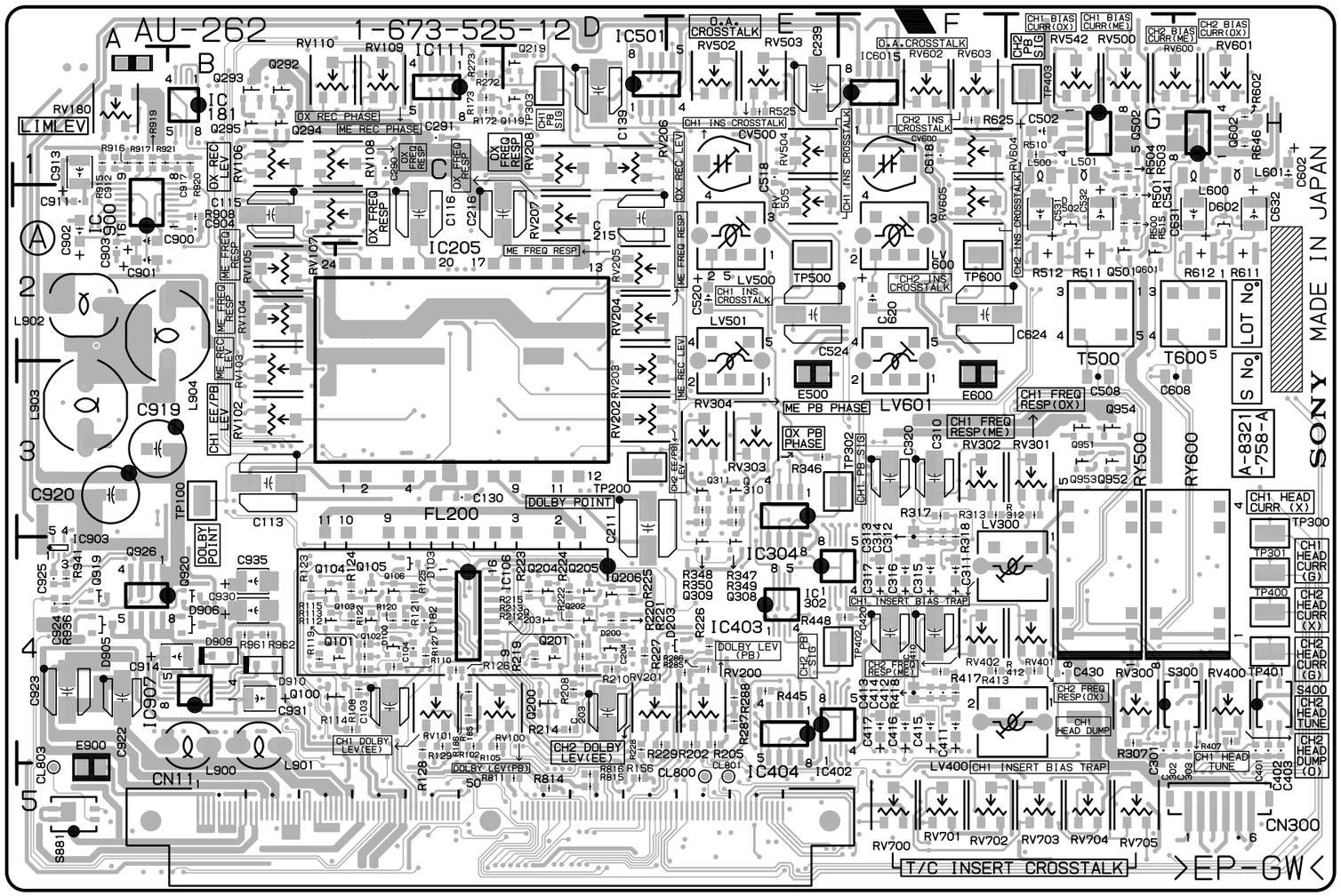
C100	*C4	C307	*G4	C605	*F1	CL201	*D3	IC401	*G4	Q207	*E4
C101	*C4	C308	*F3	C606	*H2	CL300	*H3	IC402	E4	Q208	*E4
C102	*C4	C309	*G3	C607	*H3	CL301	*H4	IC403	E4	Q209	*D3
C103	C4	C310	F3	C608	H3	CL302	*E3	IC404	E4	Q210	*D3
C104	C4	C311	F4	C609	*F1	CL400	*H4	IC501	D1	Q211	*D1
C105	*C4	C312	F3	C610	*F1	CL401	*H4	IC502	*E1	Q212	*D2
C106	*C4	C313	F3	C611	*F1	CL402	*F4	IC503	*E2	Q214	*E5
C107	*C4	C314	F3	C612	*F1	CL500	*F3	IC504	*G4	Q216	*D1
C108	*B4	C315	F4	C613	*F1	CL600	*F3	IC505	*H1	Q217	*D3
C109	*C4	C316	F4	C614	*F1	CL800	E5	IC506	*G1	Q218	*C1
C110	*C3	C317	F4	C615	*F2	CL801	E5	IC507	*G2	Q219	D1
C111	*D3	C318	*F3	C616	*F2	CL803	A5	IC600	*H4	Q220	*D5
C112	*C3	C319	*F3	C617	*F2			IC601	F1	Q292	B1
C113	B3	C320	F3	C618	F1	CN11	C5	IC602	*F1	Q293	B1
C114	*C2	C321	*F3	C619	*F2	CN300	H5	IC603	*F2	Q294	B1
C115	B2	C322	*F3	C620	F2			IC606	*H1	Q295	B1
C116	C2	C323	*F4	C621	*F2	CV500	E1	IC607	*H2	Q300	*H4
C117	*C2	C324	*F4	C622	*F1	CV600	F1	IC700	*F5	Q301	*G4
C118	*C2	C325	*E4	C623	*F2			IC701	*F5	Q302	*H4
C119	*B2	C326	*E4	C624	F2	D100	C4	IC702	*F5	Q303	*F3
C120	*B2	C327	*E3	C625	*F2	D101	*C4	IC703	*F5	Q304	*F4
C121	*B3	C328	*E3	C626	*F2	D102	*B2	IC706	*G5	Q305	*F4
C122	*C2	C329	*F3	C627	*F3	D103	C4	IC710	*G5	Q306	*F4
C123	*B2	C330	*G3	C628	*G4	D200	D4	IC800	*C5	Q307	*F4
C124	*C3	C400	*H4	C631	H2	D201	*E4	IC801	*D5	Q308	E4
C125	*C3	C401	H4	C632	H2	D202	*D2	IC802	*B5	Q309	E4
C126	*C3	C402	H4	C641	*G2	D203	E4	IC803	*D5	Q310	E3
C127	*C1	C403	H4	C700	*F5	D300	*G4	IC804	*D5	Q311	E3
C128	*C2	C404	*G4	C701	*F5	D400	*H4	IC805	*D5	Q400	*H4
C129	*C1	C405	*F4	C702	*F5	D401	*E3	IC807	*C4	Q401	*H4
C130	C3	C406	*H4	C703	*F5	D500	*G1	IC900	B2	Q402	*H4
C131	*C2	C407	*G4	C704	*G5	D501	*G1	IC902	*A3	Q403	*F4
C132	*C1	C408	*F4	C705	*G5	D502	G2	IC903	A4	Q404	*F4
C133	*C1	C409	*G4	C706	*G5	D503	*E2	IC904	*A4	Q405	*F4
C134	*C2	C410	F4	C707	*G5	D504	*G4	IC906	*B4	Q406	*F4
C135	*C2	C411	F4	C708	*F4	D505	*G4	IC907	B4	Q407	*F4
C136	*C2	C412	F4	C709	*F5	D506	*G1	IC951	*E5	Q408	*E3
C137	*C1	C413	F4	C800	*C5	D600	*H1	IC952	*E5	Q409	*E3
C138	*D1	C414	F4	C801	*C5	D601	*H1	IC953	*E5	Q410	*E3
C139	D1	C415	F4	C802	*B5	D602	H2	IC981	*A5	Q411	*E3
C140	*D5	C416	F4	C803	*A5	D603	*F2			Q412	*E3
C180	*A1	C417	F4	C804	*A5	D604	*H4	L500	G1	Q413	*E3
C181	*D4	C418	*F4	C805	*E5	D605	*H4	L501	G1	Q414	*E3
C182	C4	C419	*F4	C854	*E5	D606	*H1	L600	H1	Q500	*G2
C190	*B3	C420	F4	C900	A2	D800	*B5	L601	H1	Q501	G2
C191	*C2	C421	*F4	C901	A2	D801	*A5	L900	B4	Q502	G1
C200	*E4	C422	*F4	C902	A2	D802	*A5	L901	B4	Q503	*G1
C201	*D4	C423	*F4	C903	A2	D900	*B3	L902	A2	Q504	*G1
C202	*D4	C424	*F4	C904	B2	D901	*A3	L903	A3	Q508	*G2
C203	D4	C425	*E4	C905	*B4	D902	*A4	L904	B2	Q509	*G2
C204	D4	C426	*E4	C906	*B4	D903	*A4			Q511	*E2
C205	*D4	C427	*E4	C907	*A2	D904	*A4	LV300	G4	Q512	*G4
C206	*D4	C428	*E4	C908	*B2	D905	A4	LV400	G4	Q600	*G2
C207	*D4	C429	*F4	C911	A2	D906	B4	LV500	E2	Q601	G2
C208	*D4	C430	G4	C912	A1	D907	*B5	LV501	E2	Q602	H1
C209	*D4	C500	*G1	C913	A1	D908	*B5	LV600	F2	Q603	*H1
C211	D3	C501	*G1	C914	B4	D909	B4	LV601	F2	Q604	*H1
C214	*C2	C502	G1	C915	*B4	D910	B4			Q608	*H2
C215	D2	C503	*G2	C916	*B2			Q100	C4	Q609	*H2
C216	D2	C504	*G2	C917	B1	E100	*B4	Q101	C4	Q611	*D1
C217	*D2	C505	*D1	C918	*A2	E200	*D4	Q102	C4	Q612	*F2
C218	*D2	C506	*G2	C919	A3	E500	E3	Q103	B4	Q613	*H4
C219	*D2	C507	*G3	C920	A3	E600	F3	Q104	B4	Q800	*B5
C220	*D2	C508	G3	C921	*A4	E900	A5	Q105	C4	Q801	*A5
C221	*D3	C509	*E1	C922	A4			Q106	C4	Q802	*B5
C222	*D2	C510	*E1	C923	A4	FL200	C3	Q107	*C4	Q803	*A5
C223	*D2	C511	*E1	C924	A4			Q108	*C4	Q804	*A5
C224	*D3	C512	*E1	C925	A4	IC100	*C4	Q109	*C3	Q805	*A5
C225	*D3	C513	*E1	C926	*A4	IC101	*C4	Q111	*B1	Q900	*B4
C226	*D3	C514	*E1	C927	*A4	IC102	*C4	Q112	*B2	Q901	*B4
C227	*D1	C515	*F2	C928	*A4	IC103	*C4	Q113	*C1	Q902	*A2
C228	*D2	C516	*E2	C929	*B4	IC106	C4	Q114	*D5	Q903	*A2
C229	*C1	C517	*E2	C930	B4	IC109	*C3	Q115	*C1	Q904	*B2
C231	*C2	C518	E1	C931	B4	IC110	*C2	Q116	*D1	Q905	*A2
C232	*D1	C519	*E2	C932	*B4	IC111	C1	Q117	*C3	Q906	*A2
C233	*C1	C520	E2	C933	*B5	IC180	*A1	Q118	*C1	Q907	*A4
C234	*D2	C521	*E2	C934	*B4	IC181	B1	Q119	D1	Q908	*B3
C235	*D2	C522	*E1	C935	B4	IC200	*E4	Q120	*D5	Q909	*A3
C236	*D2	C523	*F2	C951	*G3	IC201	*D4	Q180	*B1	Q910	*B3
C237	*C1	C524	E2	C952	*E5	IC202	*D4	Q190	*B1	Q911	*A3
C238	*F1	C525	*E2	C953	*G3	IC203	*E4	Q191	*B1	Q912	*A3
C239	E1	C526	*E2	C954	*E5	IC205	C3	Q192	*B2	Q913	*B4
C240	*E5	C527	*E3			IC206	*D3	Q193	*B2	Q914	*A4
C290	C1	C528	*G4	CL1	*H5	IC207	*C2	Q194	*B2	Q915	*A4
C291	C1	C531	G2	CL2	*H5	IC208	*C3	Q195	*B2	Q916	*A4
C300	*H4	C532	G2	CL3	*H5	IC209	*D3	Q200	D4	Q917	*A4
C301	G4	C541	G2	CL4	*H5	IC210	*D2	Q201	D4	Q918	*A4
C302	H4	C600	*H1	CL5	*H5	IC300	*H4	Q202	D4	Q919	A4
C303	H4	C601	*H1	CL6	*H5	IC301	*G3	Q203	D4	Q920	B4
C304	*G4	C602	H1	CL100	*B3	IC302	E4	Q204	D4	Q921	*A4
C305	*F3	C603	*H2	CL101	*B3	IC304	E3	Q205	D4	Q922	*A4
C306	*H4	C604	*H2	CL200	*D3	IC400	*H4	Q206	D4	Q923	*A4



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SUFFIX: -12

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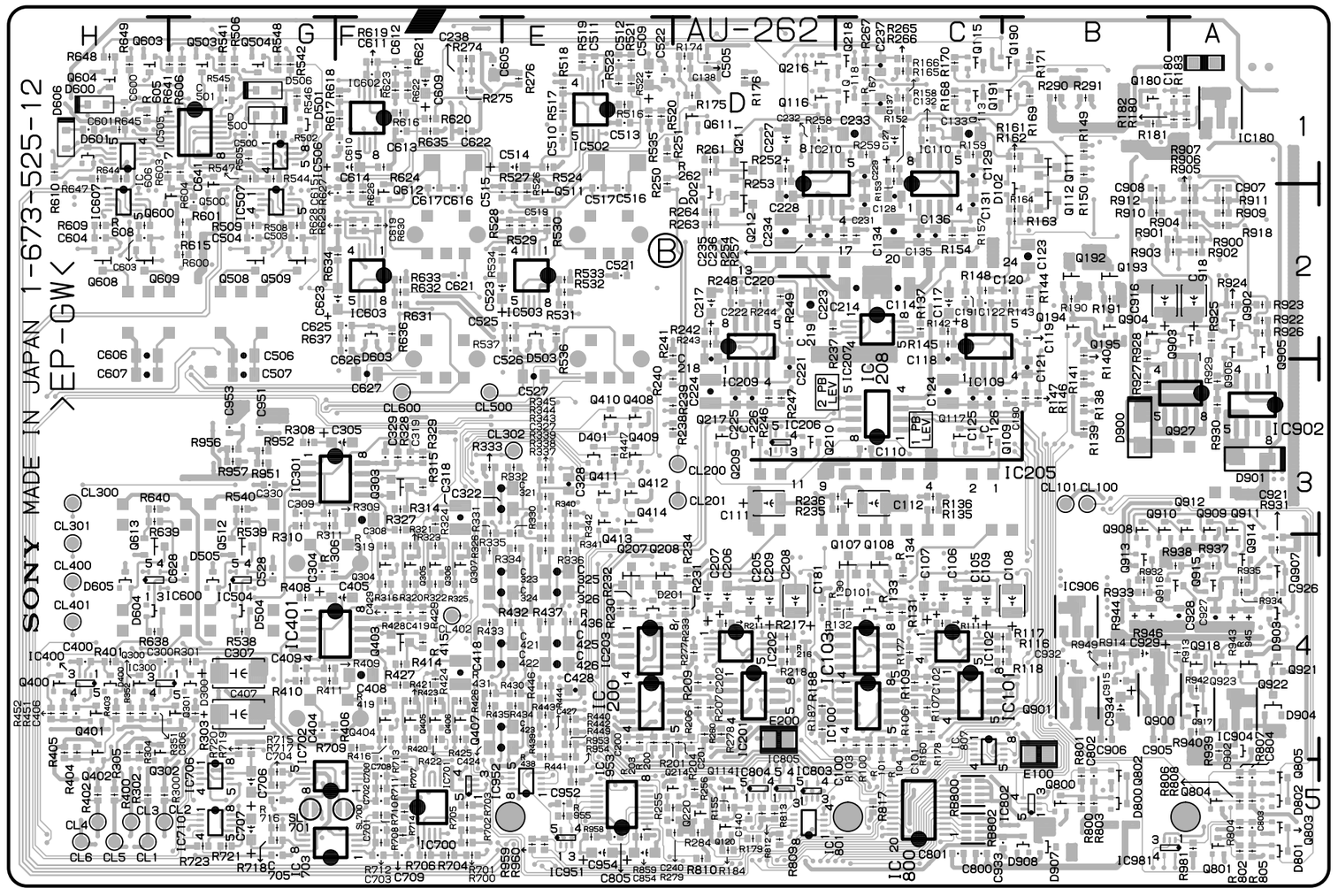

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SUFFIX: -12

Q926	A4	R186	C4	R305	*H4	R444	*E4	R644	*H1	R944	*B4	TP500	E2
Q927	*A3	R187	*D4	R306	*G4	R445	E4	R645	*H1	R945	*A4	TP600	F2
Q951	G3	R188	*D4	R307	G4	R446	*E4	R646	H1	R946	*B4		
Q952	G3	R190	*B2	R308	*G3	R447	*E3	R647	*H1	R949	*B4	*:B SIDE	
Q953	G3	R191	*B2	R309	*G3	R448	F4	R648	*H1	R951	*G3		
Q954	G3	R200	*E4	R310	*G3	R449	*E4	R649	*H1	R952	*G3		
		R201	*E4	R311	*G3	R451	*H4	R700	*F5	R953	*E5		
R100	*C4	R202	E4	R312	G3	R452	*H4	R701	*F5	R954	*E5		
R101	*C4	R203	*E4	R313	F3	R500	G2	R702	*F5	R955	*E5		
R102	C4	R204	*D4	R314	*F3	R501	G2	R703	*F5	R956	*G3		
R103	*C4	R205	E4	R315	*F3	R502	*G1	R704	*F5	R957	*G3		
R104	*C4	R206	*D4	R316	*F4	R503	G1	R705	*F5	R958	*E5		
R105	C4	R207	*D4	R317	F3	R504	G1	R706	*F5	R959	*E5		
R106	*C4	R208	D4	R318	F3	R505	*G1	R707	*F5	R960	*E5		
R107	*C4	R209	*D4	R319	*F4	R506	*G1	R708	*F5	R961	B4		
R108	C4	R210	D4	R320	*F4	R508	*G2	R709	*F4	R962	B4		
R109	*C4	R211	*D4	R321	*F4	R509	*G2	R710	*F5	R981	*A5		
R110	C4	R212	D4	R322	*F4	R510	G1	R711	*F5				
R111	*C4	R213	D4	R323	*F4	R511	G2	R712	*F5	RB800	*C5		
R112	C4	R214	D4	R324	*F3	R512	G2	R713	*F5	RB802	*C5		
R113	C4	R215	D4	R325	*F4	R515	G2	R714	*F5				
R114	C4	R216	*D4	R326	*F4	R516	*E1	R715	*G5	RV100	C4		
R115	C4	R217	*D4	R327	*F3	R517	*E1	R716	*G5	RV101	C4		
R116	*B4	R218	*D4	R328	*F3	R518	*E1	R717	*G5	RV102	B3		
R117	*B4	R219	D4	R329	*F3	R519	*E1	R718	*G5	RV103	B3		
R118	*B4	R220	D4	R330	*E3	R520	*E1	R719	*G4	RV104	B2		
R119	B4	R221	D4	R331	*F3	R521	*E1	R720	*G4	RV105	B2		
R120	C4	R222	D4	R332	*E3	R522	*E1	R721	*G5	RV106	B1		
R121	C4	R223	D4	R333	*F3	R523	*E1	R723	*G5	RV107	C2		
R122	C4	R224	D4	R334	*E4	R524	*E1	R800	*B5	RV108	C1		
R123	B4	R225	D4	R335	*F4	R525	E1	R801	*B5	RV109	C1		
R124	C4	R226	E4	R336	*E4	R526	*E2	R802	*A5	RV110	B1		
R125	C4	R227	D4	R337	*E4	R527	*E2	R803	*B5	RV180	A1		
R126	C4	R228	D4	R338	*E4	R528	*E2	R804	*A5	RV200	E4		
R127	C4	R229	D4	R339	*E3	R529	*E2	R805	*A5	RV201	D4		
R128	C4	R230	*E4	R340	*E3	R530	*E2	R806	*A5	RV202	D3		
R129	C4	R231	*D4	R341	*E4	R531	*E2	R807	*A5	RV203	D3		
R130	*C4	R232	*E4	R342	*E3	R532	*E2	R808	*A5	RV204	D2		
R131	*C4	R233	*E4	R343	*E3	R533	*E2	R809	*D5	RV205	D2		
R132	*C4	R234	*D4	R344	*E3	R534	*F2	R810	*D5	RV206	D1		
R133	*C4	R235	*C3	R345	*E3	R535	*E1	R811	D5	RV207	D2		
R134	*C4	R236	*C3	R346	E3	R536	*E2	R812	*D5	RV208	D1		
R135	*C3	R237	*D2	R347	E3	R537	*E2	R813	*D5	RV300	G4		
R136	*C3	R238	*E3	R348	E3	R538	*G4	R814	D5	RV301	G3		
R137	*C2	R239	*E3	R349	E3	R539	*G3	R815	D5	RV302	F3		
R138	*B3	R240	*E3	R350	E3	R540	*G3	R816	D5	RV303	E3		
R139	*B3	R241	*E2	R351	*H4	R541	*G1	R817	*C5	RV304	E3		
R140	*B2	R242	*D2	R352	*H4	R542	*G1	R859	*E5	RV400	H4		
R141	*B3	R243	*D2	R400	*H5	R544	*G1	R900	*A2	RV401	G4		
R142	*C2	R244	*D2	R401	*H4	R545	*G1	R901	*A2	RV402	F4		
R143	*B2	R246	*D3	R402	*H5	R546	*G1	R902	*A2	RV500	G1		
R144	*B2	R247	*D3	R403	*H4	R547	*G1	R903	*A2	RV502	E1		
R145	*C2	R248	*D2	R404	*H4	R548	*G1	R904	*A2	RV503	E1		
R146	*B3	R249	*D2	R405	*H4	R600	*G2	R905	*A2	RV504	E1		
R147	*B3	R250	*E1	R406	*G4	R601	*G2	R906	*A2	RV505	E2		
R148	*C2	R251	*E1	R407	H4	R602	H1	R907	*A2	RV542	G1		
R149	*B1	R252	*D1	R408	*G4	R603	*H1	R908	B2	RV600	H1		
R150	*B1	R253	*D1	R409	*G4	R604	*G1	R909	*A2	RV601	H1		
R152	*C1	R254	*C2	R410	*G4	R605	*H1	R910	*B2	RV602	F1		
R153	*C1	R255	*E5	R411	*G4	R606	*G1	R911	*A2	RV603	F1		
R154	*C2	R256	*D5	R412	G4	R608	*H2	R912	*B2	RV604	F1		
R155	*D5	R257	*C2	R413	F4	R609	*H2	R913	*A4	RV605	F2		
R156	D5	R258	*D1	R414	*F4	R610	*H1	R914	*B4	RV700	F5		
R157	*C2	R259	*C1	R415	*F4	R611	H2	R915	A1	RV701	F5		
R158	*C1	R260	*D4	R416	*F4	R612	H2	R916	A1	RV702	F5		
R159	*C1	R261	*D1	R417	F4	R615	*G2	R917	A1	RV703	G5		
R160	*C4	R262	*D1	R418	F4	R616	*F1	R918	*A2	RV704	G5		
R161	*B1	R263	*D2	R419	*F4	R617	*F1	R919	A1	RV705	G5		
R162	*B1	R264	*D2	R420	*F4	R618	*F1	R920	B1				
R163	*B2	R265	*C1	R421	*F4	R619	*F1	R921	A1	RY500	G4		
R164	*B2	R266	*C1	R422	*F4	R620	*F1	R922	*A2	RY600	H4		
R165	*C1	R267	*C1	R423	*F4	R621	*F1	R923	*A2				
R166	*C1	R272	C1	R424	*F4	R622	*F1	R924	*A2	S300	H4		
R167	*C1	R273	C1	R425	*F4	R623	*F1	R925	*A2	S400	H4		
R168	*C1	R274	*F1	R426	*F4	R624	*F1	R926	*A2	S881	A5		
R169	*B1	R275	*F1	R427	*F4	R625	F1	R927	*B3				
R170	*C1	R276	*E1	R428	*F4	R626	*F2	R928	*B2	SL700	*F5		
R171	*B1	R277	*D4	R429	*F4	R627	*F2	R929	*A3	SL701	*G5		
R172	C1	R278	*D4	R430	*E4	R628	*F2	R930	*A3				
R173	C1	R279	*D5	R431	*F4	R629	*F2	R931	*A4	T500	G2		
R174	*D1	R284	*D5	R432	*E4	R630	*F2	R932	*B4	T600	H2		
R175	*D1	R285	E4	R433	*F4	R631	*F2	R933	*B4				
R176	*D1	R286	E4	R434	*E4	R632	*F2	R934	*A4	TP100	B3		
R177	*C4	R287	E4	R435	*F4	R633	*F2	R935	*A4	TP200	D3		
R178	*C4	R288	E4	R436	*E4	R634	*F2	R936	A4	TP300	H3		
R179	*D5	R290	*B1	R437	*E4	R635	*F1	R937	*A4	TP301	H4		
R180	*A1	R291	*B1	R438	*E4	R636	*F2	R938	*A4	TP302	F3		
R181	*B1	R300	*H5	R439	*E4	R637	*F2	R939	*A4	TP303	D1		
R182	*A1	R301	*G4	R440	*E4	R638	*H4	R940	*A4	TP400	H4		
R183	*A1	R302	*H5	R441	*E4	R639	*H3	R941	A4	TP401	H4		
R184	*D5	R303	*G4	R442	*E4	R640	*H3	R942	*A4	TP402	F4		
R185	C4	R304	*H4	R443	*E4	R641	*G1	R943	*A4	TP403	G1		

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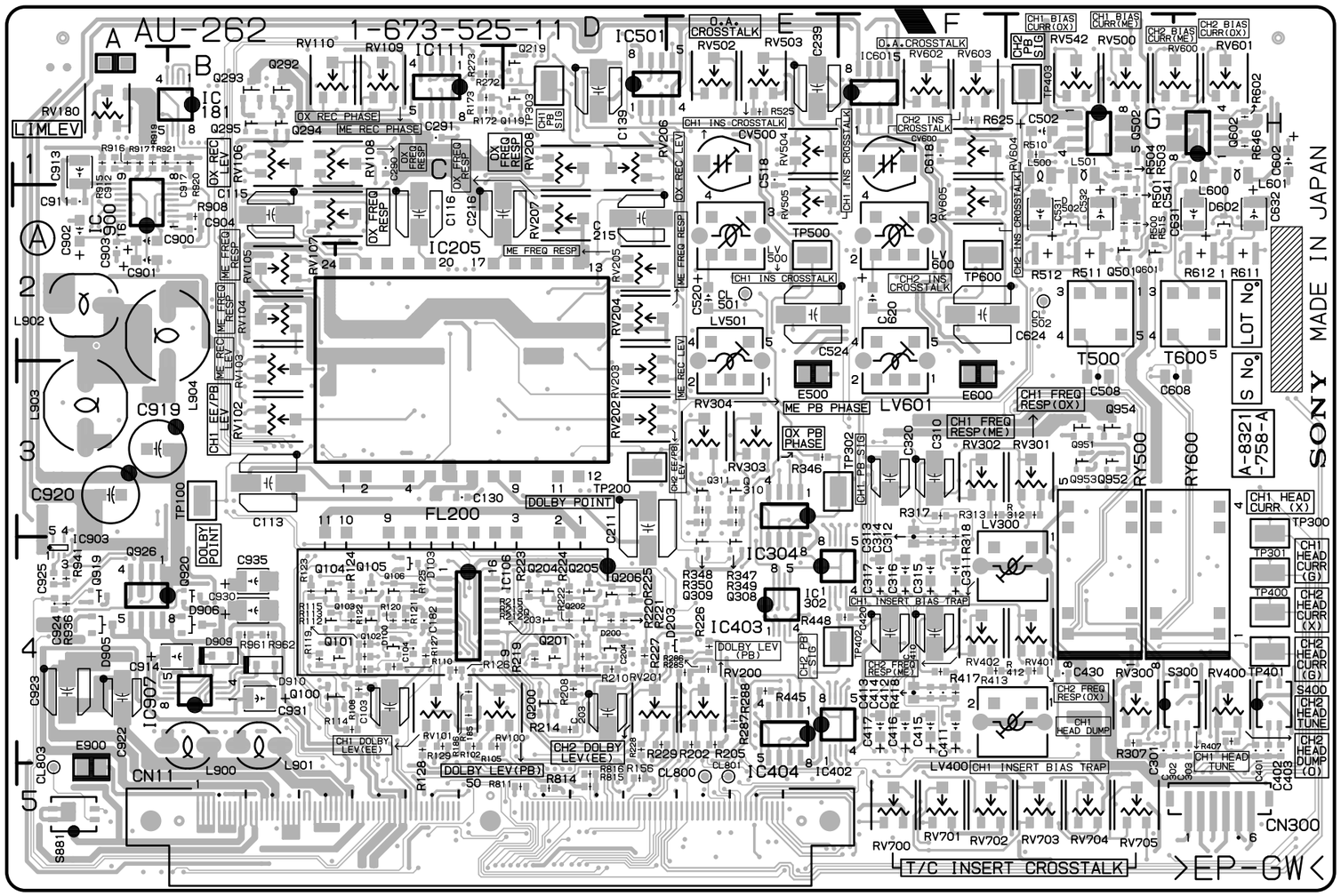
C100	*C4	C307	*G4	C605	*F1	CL201	*D3	IC304	E3	Q205	D4
C101	*C4	C308	*F3	C606	*H2	CL300	*H3	IC400	*H4	Q206	D4
C102	*C4	C309	*G3	C607	*H3	CL301	*H4	IC401	*G4	Q207	*E4
C103	C4	C310	F3	C608	H3	CL302	*E3	IC402	E4	Q208	*E4
C104	C4	C311	F4	C609	*F1	CL400	*H4	IC403	E4	Q209	*D3
C105	*C4	C312	F3	C610	*F1	CL401	*H4	IC404	E4	Q210	*D3
C106	*C4	C313	F3	C611	*F1	CL402	*F4	IC501	D1	Q211	*D1
C107	*C4	C314	F3	C612	*F1	CL500	*F3	IC502	*E1	Q212	*D2
C108	*B4	C315	F4	C613	*F1	CL501	E2	IC503	*E2	Q214	*E5
C109	*C4	C316	F4	C614	*F1	CL502	G2	IC504	*G4	Q216	*D1
C110	*C3	C317	F4	C615	*F2	CL600	*F3	IC505	*H1	Q217	*D3
C111	*D3	C318	*F3	C616	*F2	CL800	E5	IC506	*G1	Q218	*C1
C112	*C3	C319	*F3	C617	*F2	CL801	E5	IC507	*G2	Q219	D1
C113	B3	C320	F3	C618	F1	CL803	A5	IC600	*H4	Q220	*D5
C114	*C2	C321	*F3	C619	*F2			IC601	F1	Q292	B1
C115	B2	C322	*F3	C620	F2	CN11	C5	IC602	*F1	Q293	B1
C116	C2	C323	*F4	C621	*F2	CN300	H5	IC603	*F2	Q294	B1
C117	*C2	C324	*F4	C622	*F1			IC606	*H1	Q295	B1
C118	*C2	C325	*E4	C623	*F2	CV500	E1	IC607	*H2	Q300	*H4
C119	*B2	C326	*E4	C624	F2	CV600	F1	IC700	*F5	Q301	*G4
C120	*B2	C327	*E3	C625	*F2			IC701	*F5	Q302	*H4
C121	*B3	C328	*E3	C626	*F2	D100	C4	IC702	*F5	Q303	*F3
C122	*C2	C329	*F3	C627	*F3	D101	*C4	IC703	*F5	Q304	*F4
C123	*B2	C330	*G3	C628	*G4	D102	*B2	IC706	*G5	Q305	*F4
C124	*C3	C400	*H4	C631	H2	D103	C4	IC710	*G5	Q306	*F4
C125	*C3	C401	H4	C632	H2	D200	D4	IC800	*C5	Q307	*F4
C126	*C3	C402	H4	C641	*G2	D201	*E4	IC801	*D5	Q308	E4
C127	*C1	C403	H4	C700	*F5	D202	*D2	IC802	*B5	Q309	E4
C128	*C2	C404	*G4	C701	*F5	D203	E4	IC803	*D5	Q310	E3
C129	*C1	C405	*F4	C702	*F5	D300	*G4	IC804	*D5	Q311	E3
C130	C3	C406	*H4	C703	*F5	D400	*H4	IC805	*D5	Q400	*H4
C131	*C2	C407	*G4	C704	*G5	D401	*E3	IC807	*C4	Q401	*H4
C132	*C1	C408	*F4	C705	*G5	D500	*G1	IC900	B2	Q402	*H4
C133	*C1	C409	*G4	C706	*G5	D501	*G1	IC902	*A3	Q403	*F4
C134	*C2	C410	F4	C707	*G5	D502	G2	IC903	A4	Q404	*F4
C135	*C2	C411	F4	C708	*F4	D503	*E2	IC904	*A4	Q405	*F4
C136	*C2	C412	F4	C709	*F5	D504	*G4	IC906	*B4	Q406	*F4
C137	*C1	C413	F4	C800	*C5	D505	*G4	IC907	B4	Q407	*F4
C138	*D1	C414	F4	C801	*C5	D506	*G1	IC951	*E5	Q408	*E3
C139	D1	C415	F4	C802	*B5	D600	*H1	IC952	*E5	Q409	*E3
C140	*D5	C416	F4	C803	*A5	D601	*H1	IC953	*E5	Q410	*E3
C180	*A1	C417	F4	C804	*A5	D602	H2	IC981	*A5	Q411	*E3
C181	*D4	C418	*F4	C805	*E5	D603	*F2			Q412	*E3
C182	C4	C419	*F4	C854	*E5	D604	*H4	L500	G1	Q413	*E3
C190	*B3	C420	F4	C900	A2	D605	*H4	L501	G1	Q414	*E3
C191	*C2	C421	*F4	C901	A2	D606	*H1	L600	H1	Q500	*G2
C200	*E4	C422	*F4	C902	A2	D800	*B5	L601	H1	Q501	G2
C201	*D4	C423	*F4	C903	A2	D801	*A5	L900	B4	Q502	G1
C202	*D4	C424	*F4	C904	B2	D802	*A5	L901	B4	Q503	*G1
C203	D4	C425	*E4	C905	*B4	D900	*B3	L902	A2	Q504	*G1
C204	D4	C426	*E4	C906	*B4	D901	*A3	L903	A3	Q508	*G2
C205	*D4	C427	*E4	C907	*A2	D902	*A4	L904	B2	Q509	*G2
C206	*D4	C428	*E4	C908	*B2	D903	*A4			Q511	*E2
C207	*D4	C429	*F4	C911	A2	D904	*A4	LV300	G4	Q512	*G4
C208	*D4	C430	G4	C912	A1	D905	A4	LV400	G4	Q514	*E2
C209	*D4	C500	*G1	C913	A1	D906	B4	LV500	E2	Q515	*E2
C211	D3	C501	*G1	C914	B4	D907	*B5	LV501	E2	Q600	*G2
C214	*C2	C502	G1	C915	*B4	D908	*B5	LV600	F2	Q601	G2
C215	D2	C503	*G2	C916	*B2	D909	B4	LV601	F2	Q602	H1
C216	D2	C504	*G2	C917	B1	D910	B4			Q603	*H1
C217	*D2	C505	*D1	C918	*A2			Q100	C4	Q604	*H1
C218	*D2	C506	*G2	C919	A3	E100	*B4	Q101	C4	Q608	*H2
C219	*D2	C507	*G3	C920	A3	E200	*D4	Q102	C4	Q609	*H2
C220	*D2	C508	G3	C921	*A4	E500	E3	Q103	B4	Q611	*D1
C221	*D3	C509	*E1	C922	A4	E600	F3	Q104	B4	Q612	*F2
C222	*D2	C510	*E1	C923	A4	E900	A5	Q105	C4	Q613	*H4
C223	*D2	C511	*E1	C924	A4			Q106	C4	Q614	*G3
C224	*D3	C512	*E1	C925	A4	FL200	C3	Q107	*C4	Q615	*G2
C225	*D3	C513	*E1	C926	*A4			Q108	*C4	Q800	*B5
C226	*D3	C514	*E1	C927	*A4	IC100	*C4	Q109	*C3	Q801	*A5
C227	*D1	C515	*F2	C928	*A4	IC101	*C4	Q111	*B1	Q802	*B5
C228	*D2	C516	*E2	C929	*B4	IC102	*C4	Q112	*B2	Q803	*A5
C229	*C1	C517	*E2	C930	B4	IC103	*C4	Q113	*C1	Q804	*A5
C231	*C2	C518	E1	C931	B4	IC106	C4	Q114	*D5	Q805	*A5
C232	*D1	C519	*E2	C932	*B4	IC109	*C3	Q115	*C1	Q900	*B4
C233	*C1	C520	E2	C933	*B5	IC110	*C2	Q116	*D1	Q901	*B4
C234	*D2	C521	*E2	C934	*B4	IC111	C1	Q117	*C3	Q902	*A2
C235	*D2	C522	*E1	C935	B4	IC180	*A1	Q118	*C1	Q903	*A2
C236	*D2	C523	*F2	C951	*G3	IC181	B1	Q119	D1	Q904	*B2
C237	*C1	C524	E2	C952	*E5	IC200	*E4	Q120	*D5	Q905	*A2
C238	*F1	C525	*E2	C953	*G3	IC201	*D4	Q180	*B1	Q906	*A2
C239	E1	C526	*E2	C954	*E5	IC202	*D4	Q190	*B1	Q907	*A4
C240	*E5	C527	*E3			IC203	*E4	Q191	*B1	Q908	*B3
C290	C1	C528	*G4	CL1	*H5	IC205	C3	Q192	*B2	Q909	*A3
C291	C1	C531	G2	CL2	*H5	IC206	*D3	Q193	*B2	Q910	*B3
C300	*H4	C532	G2	CL3	*H5	IC207	*C2	Q194	*B2	Q911	*A3
C301	G4	C541	G2	CL4	*H5	IC208	*C3	Q195	*B2	Q912	*A3
C302	H4	C600	*H1	CL5	*H5	IC209	*D3	Q200	D4	Q913	*B4
C303	H4	C601	*H1	CL6	*H5	IC210	*D2	Q201	D4	Q914	*A4
C304	*G4	C602	H1	CL100	*B3	IC300	*H4	Q202	D4	Q915	*A4
C305	*F3	C603	*H2	CL101	*B3	IC301	*G3	Q203	D4	Q916	*A4
C306	*H4	C604	*H2	CL200	*D3	IC302	E4	Q204	D4	Q917	*A4



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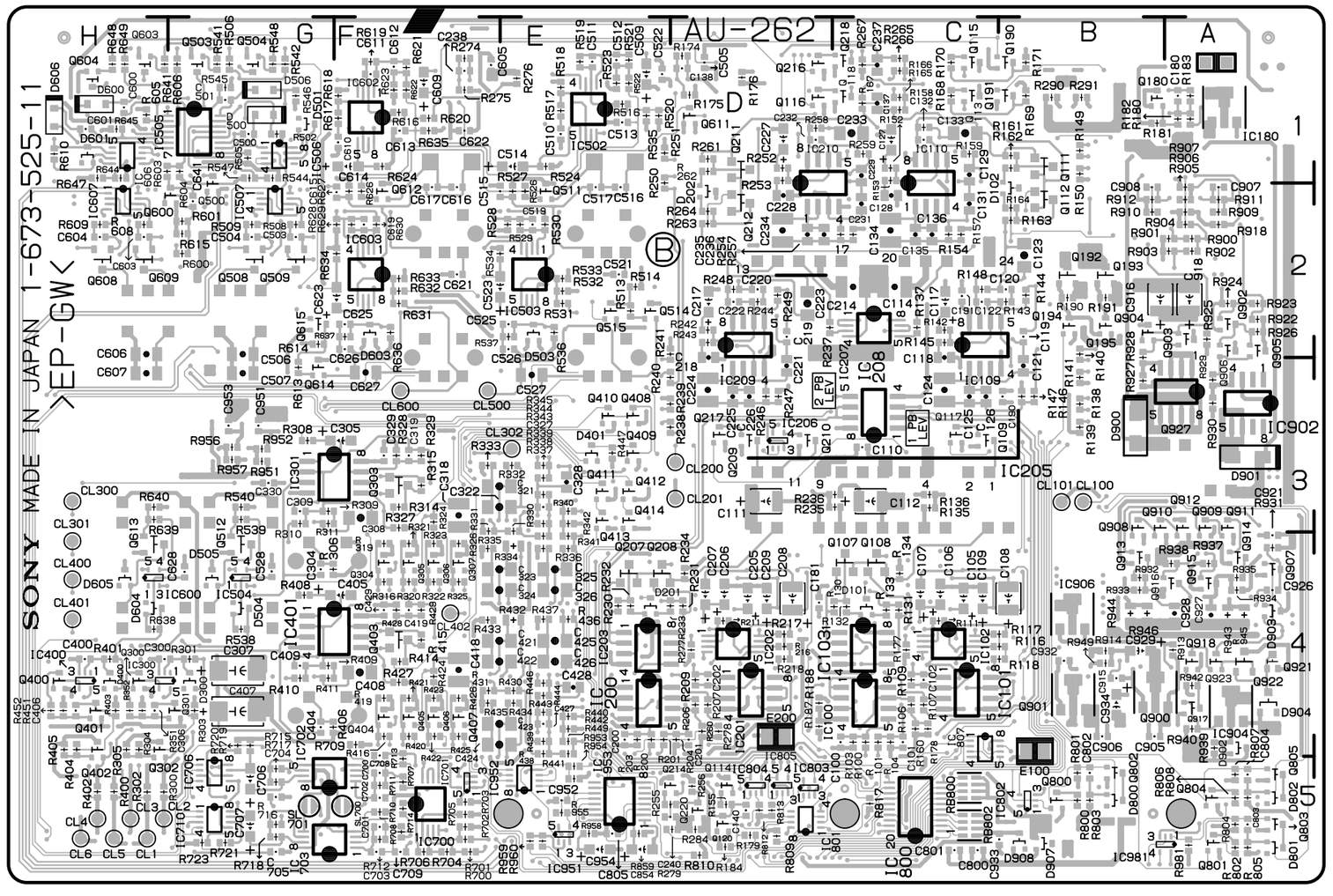
SUFFIX: -11



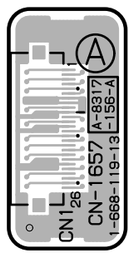
AU-262 -B SIDE-
SUFFIX: -11

Q918	*A4	R180	*A1	R291	*B1	R438	*E4	R632	*F2	R934	*A4	TP100	B3
Q919	A4	R181	*B1	R300	*H5	R439	*E4	R633	*F2	R935	*A4	TP200	D3
Q920	B4	R182	*A1	R301	*G4	R440	*E4	R634	*F2	R936	A4	TP300	H3
Q921	*A4	R183	*A1	R302	*H5	R441	*E4	R635	*F1	R937	*A4	TP301	H4
Q922	*A4	R184	*D5	R303	*G4	R442	*E4	R636	*F2	R938	*A4	TP302	F3
Q923	*A4	R185	C4	R304	*H4	R443	*E4	R637	*F2	R939	*A4	TP303	D1
Q926	A4	R186	C4	R305	*H4	R444	*E4	R638	*H4	R940	*A4	TP400	H4
Q927	*A3	R187	*D4	R306	*G4	R445	E4	R639	*H3	R941	A4	TP401	H4
Q951	G3	R188	*D4	R307	G4	R446	*E4	R640	*H3	R942	*A4	TP402	F4
Q952	G3	R190	*B2	R308	*G3	R447	*E3	R641	*H1	R943	*A4	TP403	G1
Q953	G3	R191	*B2	R309	*G3	R448	F4	R644	*H1	R944	*B4	TP500	E2
Q954	G3	R200	*E4	R310	*G3	R449	*E4	R645	*H1	R945	*A4	TP600	F2
		R201	*E4	R311	*G3	R451	*H4	R646	H1	R946	*B4		
R100	*C4	R202	E4	R312	G3	R452	*H4	R647	*H1	R949	*B4	*:B SIDE	
R101	*C4	R203	*E4	R313	F3	R500	G2	R648	*H1	R951	*G3		
R102	C4	R204	*D4	R314	*F3	R501	G2	R649	*H1	R952	*G3		
R103	*C4	R205	E4	R315	*F3	R502	*G1	R700	*F5	R953	*E5		
R104	*C4	R206	*D4	R316	*F4	R503	G1	R701	*F5	R954	*E5		
R105	C4	R207	*D4	R317	F3	R504	G1	R702	*F5	R955	*E5		
R106	*C4	R208	D4	R318	F3	R505	*G1	R703	*F5	R956	*G3		
R107	*C4	R209	*D4	R319	*F4	R506	*G1	R704	*F5	R957	*G3		
R108	C4	R210	D4	R320	*F4	R508	*G2	R705	*F5	R958	*E5		
R109	*C4	R211	*D4	R321	*F4	R509	*G2	R706	*F5	R959	*E5		
R110	C4	R212	D4	R322	*F4	R510	G1	R707	*F5	R960	*E5		
R111	*C4	R213	D4	R323	*F4	R511	G2	R708	*F5	R961	B4		
R112	C4	R214	D4	R324	*F3	R512	G2	R709	*F4	R962	B4		
R113	C4	R215	D4	R325	*F4	R513	*E2	R710	*F5	R981	*A5		
R114	C4	R216	*D4	R326	*F4	R514	*E2	R711	*F5				
R115	C4	R217	*D4	R327	*F3	R515	G2	R712	*F5	RB800	*C5		
R116	*B4	R218	*D4	R328	*F3	R516	*E1	R713	*F5	RB802	*C5		
R117	*B4	R219	D4	R329	*F3	R517	*E1	R714	*F5				
R118	*B4	R220	D4	R330	*E3	R518	*E1	R715	*G5	RV100	C4		
R119	B4	R221	D4	R331	*F3	R519	*E1	R716	*G5	RV101	C4		
R120	C4	R222	D4	R332	*E3	R520	*E1	R717	*G5	RV102	B3		
R121	C4	R223	D4	R333	*F3	R521	*E1	R718	*G5	RV103	B3		
R122	C4	R224	D4	R334	*E4	R522	*E1	R719	*G4	RV104	B2		
R123	B4	R225	D4	R335	*F4	R523	*E1	R720	*G4	RV105	B2		
R124	C4	R226	E4	R336	*E4	R524	*E1	R721	*G5	RV106	B1		
R125	C4	R227	D4	R337	*E4	R525	E1	R723	*G5	RV107	C2		
R126	C4	R228	D4	R338	*E4	R526	*E2	R800	*B5	RV108	C1		
R127	C4	R229	D4	R339	*E3	R527	*E2	R801	*B5	RV109	C1		
R128	C4	R230	*E4	R340	*E3	R528	*E2	R802	*A5	RV110	B1		
R129	C4	R231	*D4	R341	*E4	R529	*E2	R803	*B5	RV180	A1		
R130	*C4	R232	*E4	R342	*E3	R530	*E2	R804	*A5	RV200	E4		
R131	*C4	R233	*E4	R343	*E3	R531	*E2	R805	*A5	RV201	D4		
R132	*C4	R234	*D4	R344	*E3	R532	*E2	R806	*A5	RV202	D3		
R133	*C4	R235	*C3	R345	*E3	R533	*E2	R807	*A5	RV203	D3		
R134	*C4	R236	*C3	R346	E3	R534	*F2	R808	*A5	RV204	D2		
R135	*C3	R237	*D2	R347	E3	R535	*E1	R809	*D5	RV205	D2		
R136	*C3	R238	*E3	R348	E3	R536	*E2	R810	*D5	RV206	D1		
R137	*C2	R239	*E3	R349	E3	R537	*E2	R811	D5	RV207	D2		
R138	*B3	R240	*E3	R350	E3	R538	*G4	R812	*D5	RV208	D1		
R139	*B3	R241	*E2	R351	*H4	R539	*G3	R813	*D5	RV300	G4		
R140	*B2	R242	*D2	R352	*H4	R540	*G3	R814	D5	RV301	G3		
R141	*B3	R243	*D2	R400	*H5	R541	*G1	R815	D5	RV302	F3		
R142	*C2	R244	*D2	R401	*H4	R542	*G1	R816	D5	RV303	E3		
R143	*B2	R246	*D3	R402	*H5	R544	*G1	R817	*C5	RV304	E3		
R144	*B2	R247	*D3	R403	*H4	R545	*G1	R859	*E5	RV400	H4		
R145	*C2	R248	*D2	R404	*H4	R546	*G1	R900	*A2	RV401	G4		
R146	*B3	R249	*D2	R405	*H4	R547	*G1	R901	*A2	RV402	F4		
R147	*B3	R250	*E1	R406	*G4	R548	*G1	R902	*A2	RV500	G1		
R148	*C2	R251	*E1	R407	H4	R600	*G2	R903	*A2	RV502	E1		
R149	*B1	R252	*D1	R408	*G4	R601	*G2	R904	*A2	RV503	E1		
R150	*B1	R253	*D1	R409	*G4	R602	H1	R905	*A2	RV504	E1		
R152	*C1	R254	*C2	R410	*G4	R603	*H1	R906	*A2	RV505	E2		
R153	*C1	R255	*E5	R411	*G4	R604	*G1	R907	*A2	RV542	G1		
R154	*C2	R256	*D5	R412	G4	R605	*H1	R908	B2	RV600	H1		
R155	*D5	R257	*C2	R413	F4	R606	*G1	R909	*A2	RV601	H1		
R156	D5	R258	*D1	R414	*F4	R608	*H2	R910	*B2	RV602	F1		
R157	*C2	R259	*C1	R415	*F4	R609	*H2	R911	*A2	RV603	F1		
R158	*C1	R260	*D4	R416	*F4	R610	*H1	R912	*B2	RV604	F1		
R159	*C1	R261	*D1	R417	F4	R611	H2	R913	*A4	RV605	F2		
R160	*C4	R262	*D1	R418	F4	R612	H2	R914	*B4	RV700	F5		
R161	*B1	R263	*D2	R419	*F4	R613	*G3	R915	A1	RV701	F5		
R162	*B1	R264	*D2	R420	*F4	R614	*G2	R916	A1	RV702	F5		
R163	*B2	R265	*C1	R421	*F4	R615	*G2	R917	A1	RV703	G5		
R164	*B2	R266	*C1	R422	*F4	R616	*F1	R918	*A2	RV704	G5		
R165	*C1	R267	*C1	R423	*F4	R617	*F1	R919	A1	RV705	G5		
R166	*C1	R272	C1	R424	*F4	R618	*F1	R920	B1				
R167	*C1	R273	C1	R425	*F4	R619	*F1	R921	A1	RY500	G4		
R168	*C1	R274	*F1	R426	*F4	R620	*F1	R922	*A2	RY600	H4		
R169	*B1	R275	*F1	R427	*F4	R621	*F1	R923	*A2				
R170	*C1	R276	*E1	R428	*F4	R622	*F1	R924	*A2	S300	H4		
R171	*B1	R277	*D4	R429	*F4	R623	*F1	R925	*A2	S400	H4		
R172	C1	R278	*D4	R430	*E4	R624	*F1	R926	*A2	S881	A5		
R173	C1	R279	*D5	R431	*F4	R625	F1	R927	*B3				
R174	*D1	R284	*D5	R432	*E4	R626	*F2	R928	*B2	SL700	*F5		
R175	*D1	R285	E4	R433	*F4	R627	*F2	R929	*A3	SL701	*G5		
R176	*D1	R286	E4	R434	*E4	R628	*F2	R930	*A3				
R177	*C4	R287	E4	R435	*F4	R629	*F2	R931	*A4	T500	G2		
R178	*C4	R288	E4	R436	*E4	R630	*F2	R932	*B4	T600	H2		
R179	*D5	R290	*B1	R437	*E4	R631	*F2	R933	*B4				

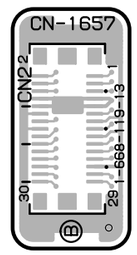
CN-1541, CN-1657, CN-1662, CN-1779

CN-1541 -A SIDE-
SUFFIX: -13

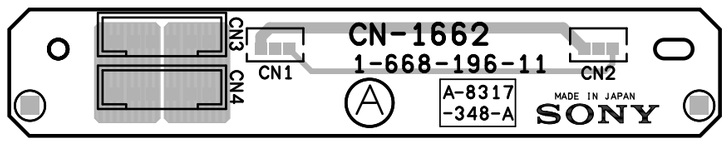
CN-1541 -B SIDE-
SUFFIX: -13



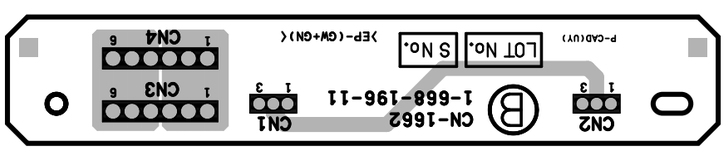
CN-1657 -A SIDE-
SUFFIX: -13



CN-1657 -B SIDE-
SUFFIX: -13



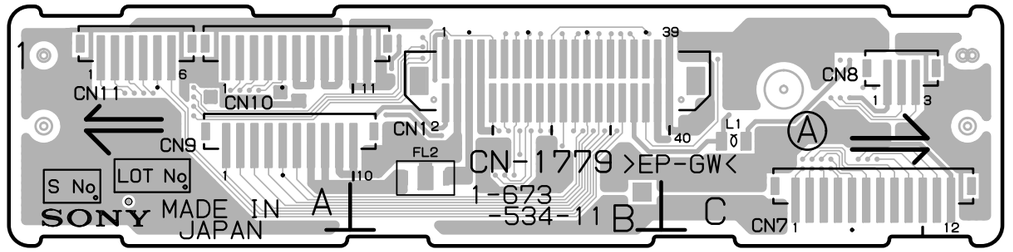
CN-1662 -A SIDE-
SUFFIX: -11



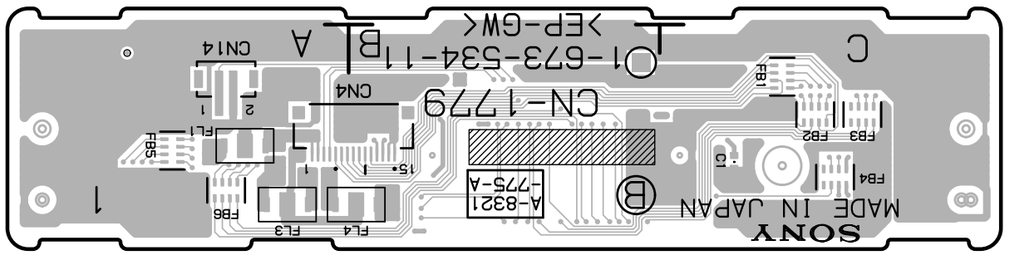
CN-1662 -B SIDE-
SUFFIX: -11

C1	*C1
CN1	B1
CN4	*B1
CN7	C1
CN8	C1
CN9	A1
CN10	A1
CN11	A1
CN14	*A1
FB1	*C1
FB2	*C1
FB3	*C1
FB4	*C1
FB5	*A1
FB6	*A1
FL1	*A1
FL2	B1
FL3	*A1
FL4	*B1
L1	C1

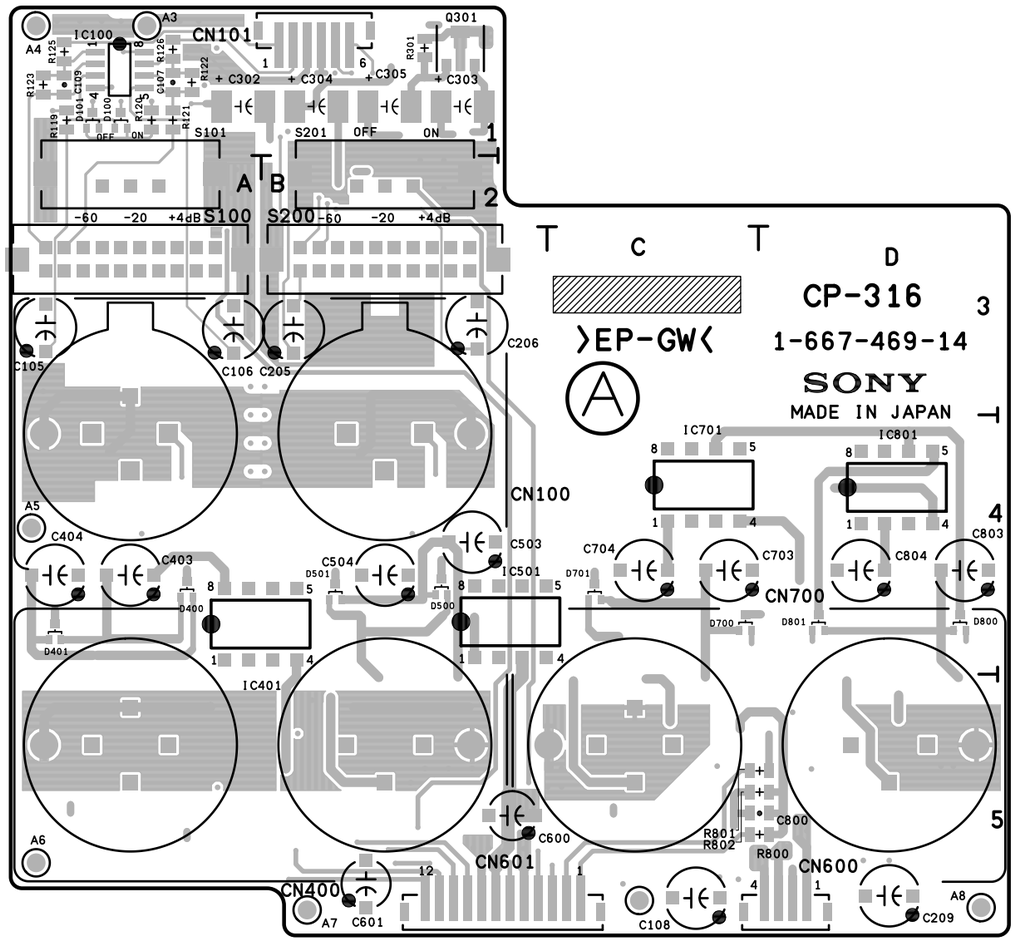
*:B SIDE



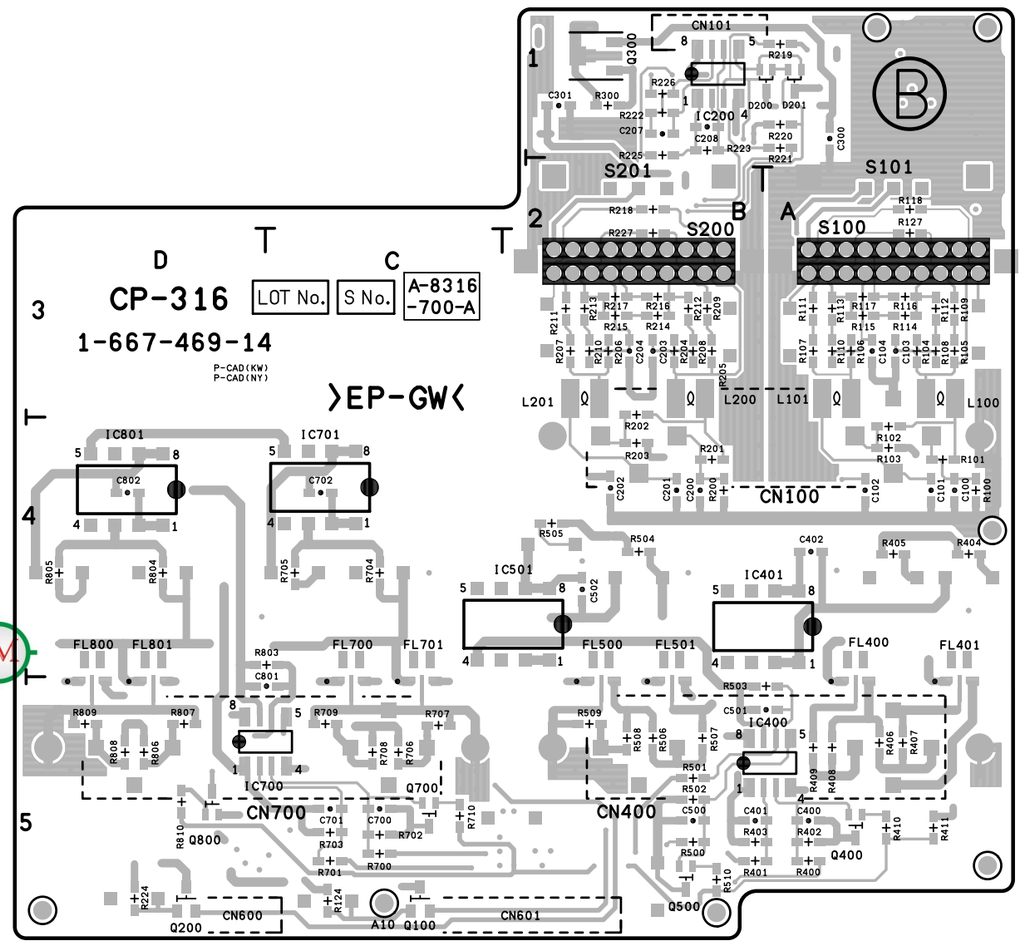
CN-1779 -A SIDE-
SUFFIX: -11



CN-1779 -B SIDE-
SUFFIX: -11



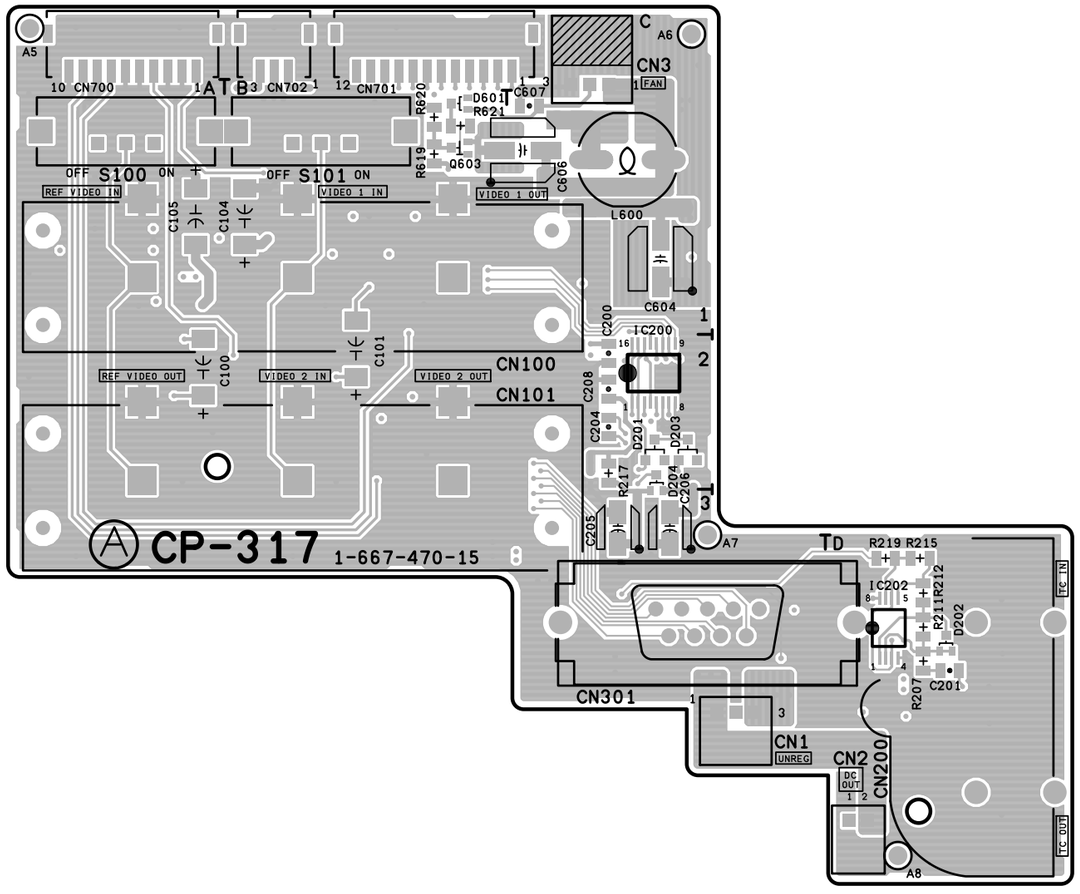
CP-316 -A SIDE-
SUFFIX: -14



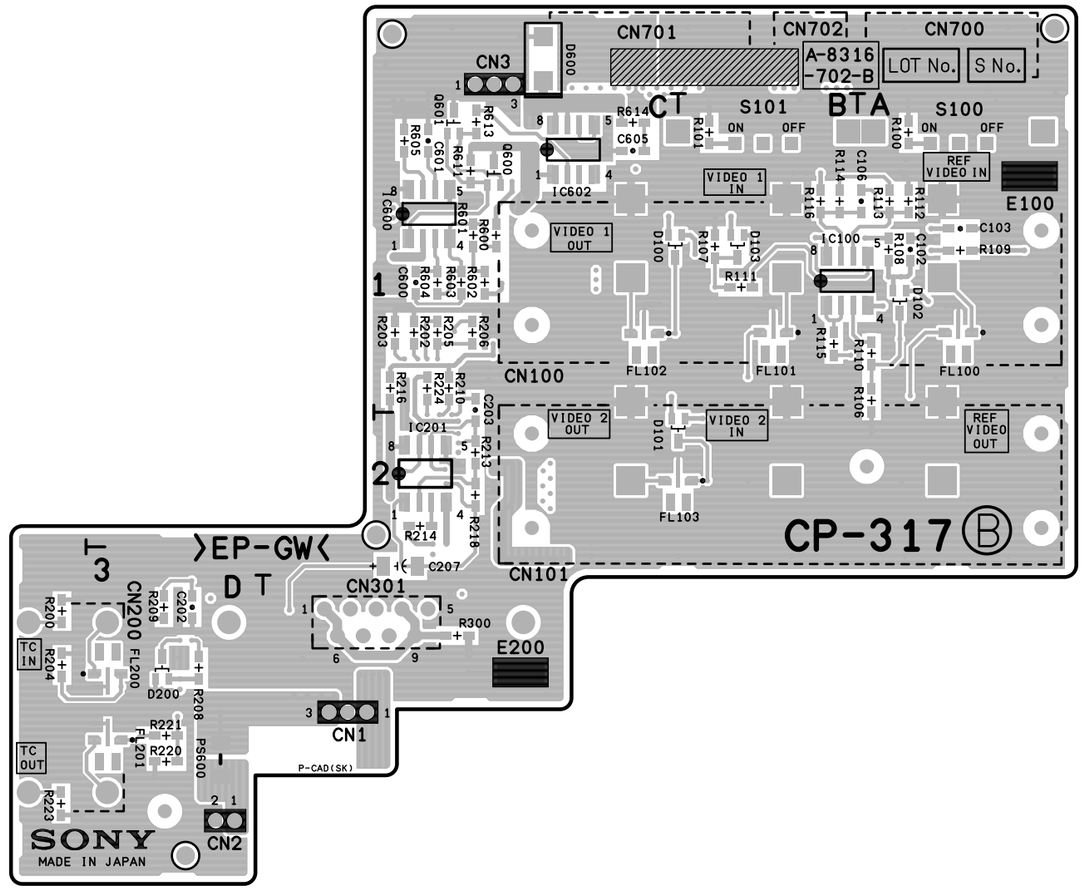
CP-316 -B SIDE-
SUFFIX: -14

CP-316(1-667-469-14)

C100	*A4	C300	*A1	C702	*C4	D400	A4	IC400	*A5	R100	*A4	R120	A1	R212	*B3	R402	*A5	R510	*B5	R808	*D5
C101	*A4	C301	*B1	C703	C4	D401	A4	IC401	A4	R101	*A4	R121	A1	R213	*B3	R403	*B5	R700	*C5	R809	*D5
C102	*A4	C302	A1	C704	C4	D500	B4	IC501	B4	R102	*A4	R122	A1	R214	*B3	R404	*A4	R701	*C5	R810	*D5
C103	*A3	C303	B1	C800	D5	D501	B4	IC700	*C5	R103	*A4	R123	A1	R215	*B3	R405	*A4	R702	*C5		
C104	*A3	C304	B1	C801	*C5	D700	C4	IC701	C4	R104	*A3	R124	*C5	R216	*B3	R406	*A5	R703	*C5	S100	A3
C105	A3	C305	B1	C802	*D4	D701	C4	IC801	D4	R105	*A3	R125	A1	R217	*B3	R407	*A5	R704	*C4	S101	A2
C106	A3	C400	*A5	C803	D4	D800	D4			R106	*A3	R126	A1	R218	*B2	R408	*A5	R705	*C4	S200	B3
C107	A1	C401	*B5	C804	D4	D801	D4	L100	*A3	R107	*A3	R127	*A3	R219	*A1	R409	*A5	R706	*C5	S201	B2
C108	C5	C402	*A4					L101	*A3	R108	*A3	R200	*B4	R220	*A1	R410	*A5	R707	*C5		
C109	A1	C403	A4	CN100	A4	FL400	*A4	L200	*B3	R109	*A3	R201	*B4	R221	*A1	R411	*A5	R708	*C5	*:B SIDE	
C200	*B4	C404	A4	CN101	B1	FL401	*A4	L201	*B3	R110	*A3	R202	*B3	R222	*B1	R500	*B5	R709	*C5		
C201	*B4	C500	*B5	CN400	A5	FL500	*B4			R111	*A3	R203	*B4	R223	*B1	R501	*B5	R710	*C5		
C202	*B4	C501	*A5	CN600	D5	FL501	*B4	Q100	*C5	R112	*A3	R204	*B3	R224	*D5	R502	*B5	R800	D5		
C203	*B3	C502	*B4	CN601	B5	FL700	*C4	Q200	*D5	R113	*A3	R205	*B3	R225	*B1	R503	*A5	R801	D5		
C204	*B3	C503	B4	CN700	D5	FL701	*C4	Q300	*B1	R114	*A3	R206	*B3	R226	*B1	R504	*B4	R802	D5		
C205	B3	C504	B4			FL800	*D4	Q301	B1	R115	*A3	R207	*B3	R227	*B3	R505	*B4	R803	*C4		
C206	B3	C600	B5	D100	A1	FL801	*D4	Q400	*A5	R116	*A3	R208	*B3	R300	*B1	R506	*B5	R804	*D4		
C207	*B1	C601	B5	D101	A1			Q500	*B5	R117	*A3	R209	*B3	R301	B1	R507	*B5	R805	*D4		
C208	*B1	C700	*C5	D200	*A1	IC100	A1	Q700	*C5	R118	*A2	R210	*B3	R400	*A5	R508	*B5	R806	*D5		
C209	D5	C701	*C5	D201	*A1	IC200	*B1	Q800	*D5	R119	A1	R211	*B3	R401	*B5	R509	*B5	R807	*D5		



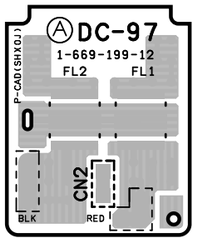
CP-317 -A SIDE-
SUFFIX: -15



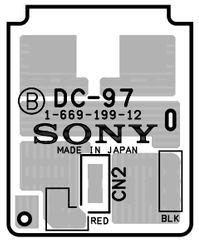
CP-317 -B SIDE-
SUFFIX: -15

CP-317(1-667-470-15)

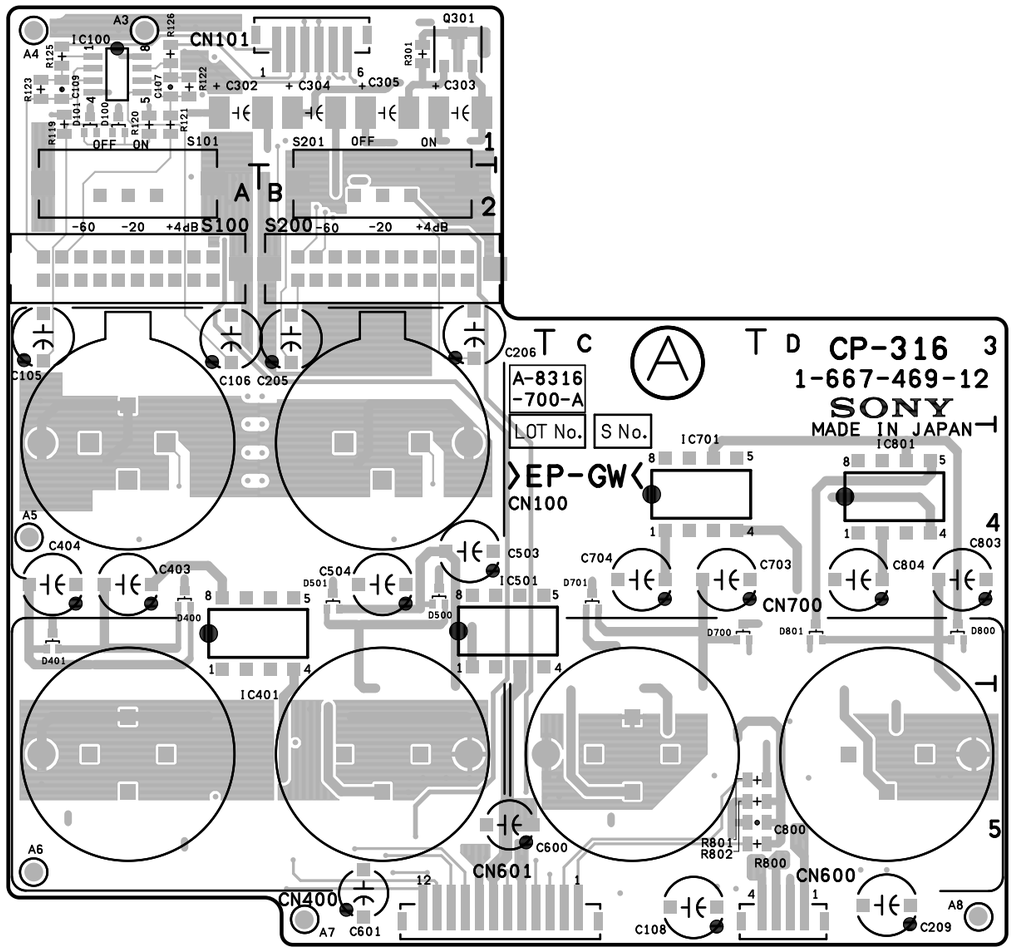
A3	C3	C601	*C1	D102	*A1	IC100	*B1	R108	*A1	R211	D3	R605	*C1
		C604	C1	D103	*B1	IC200	C2	R109	*A1	R212	D3	R611	*C1
C100	A2	C605	*B1	D200	*D3	IC201	*C2	R110	*A2	R213	*C2	R613	*C1
C101	B2	C606	C1	D201	C2	IC202	D3	R111	*B1	R214	*C3	R614	*B1
C102	*A1	C607	C1	D202	D3	IC600	*C1	R112	*A1	R215	D3	R619	B1
C103	*A1			D203	C2	IC602	*C1	R113	*A1	R216	*C2	R620	B1
C104	B1	CN1	C3	D204	C2			R114	*B1	R217	C2	R621	B1
C105	A1	CN100	B1	D600	*C1	L600	C1	R115	*B2	R218	*C3		
C106	*A1	CN101	B2	D601	B1			R116	*B1	R219	D3	S100	A1
C200	C2	CN2	D3			PS600	*D3	R200	*D3	R220	*D3	S101	B1
C201	D3	CN200	D3	E100	*A1			R202	*C1	R221	*D3		
C202	*D3	CN3	C1	E200	*C3	Q600	*C1	R203	*C1	R223	*D3	*:B SIDE	
C203	*C2	CN301	C3			Q601	*C1	R204	*D3	R224	*C2		
C204	C2	CN700	A1	FL100	*A2	Q603	B1	R205	*C1	R300	*C3		
C205	C3	CN701	B1	FL101	*B2			R206	*C1	R600	*C1		
C206	C3	CN702	B1	FL102	*B2	R100	*A1	R207	D3	R601	*C1		
C207	*C3			FL103	*B2	R101	*B1	R208	*D3	R602	*C1		
C208	C2	D100	*B1	FL200	*D3	R106	*A2	R209	*D3	R603	*C1		
C600	*C1	D101	*B2	FL201	*D3	R107	*B1	R210	*C2	R604	*C1		



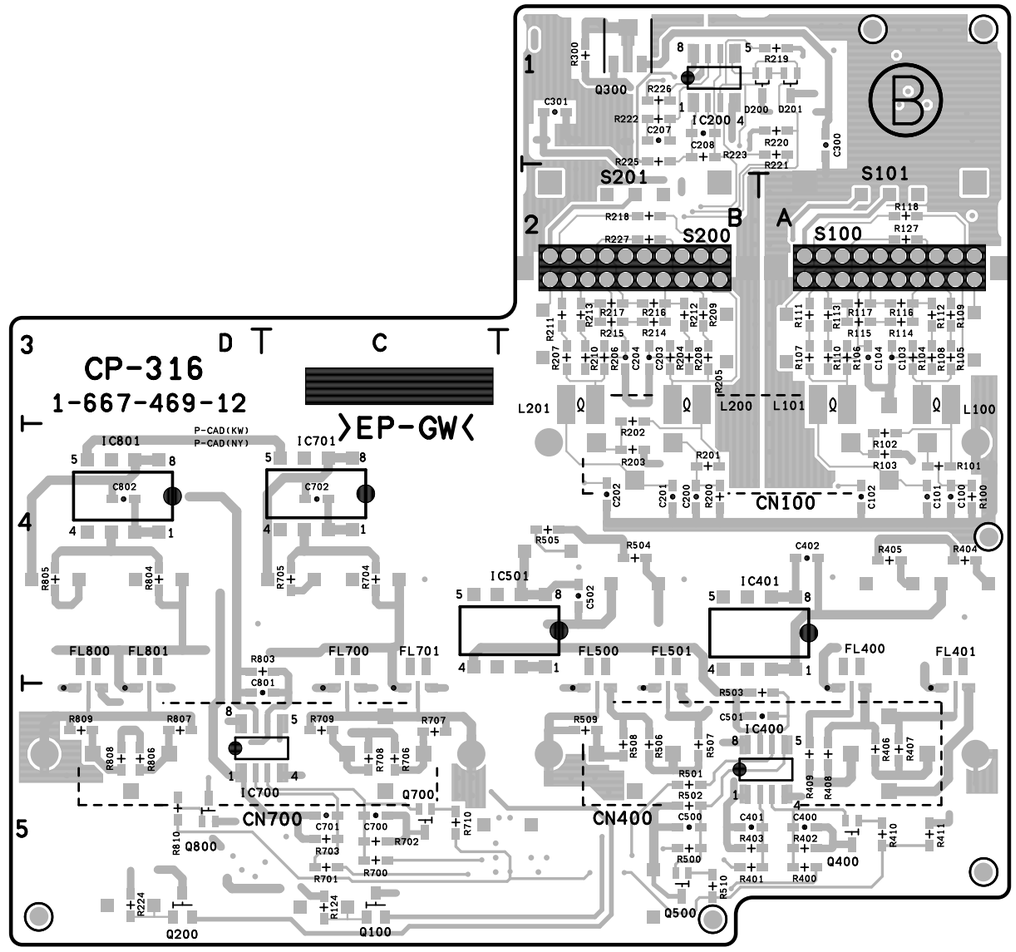
DC-97 -A SIDE-
SUFFIX: -12



DC-97 -B SIDE-
SUFFIX: -12



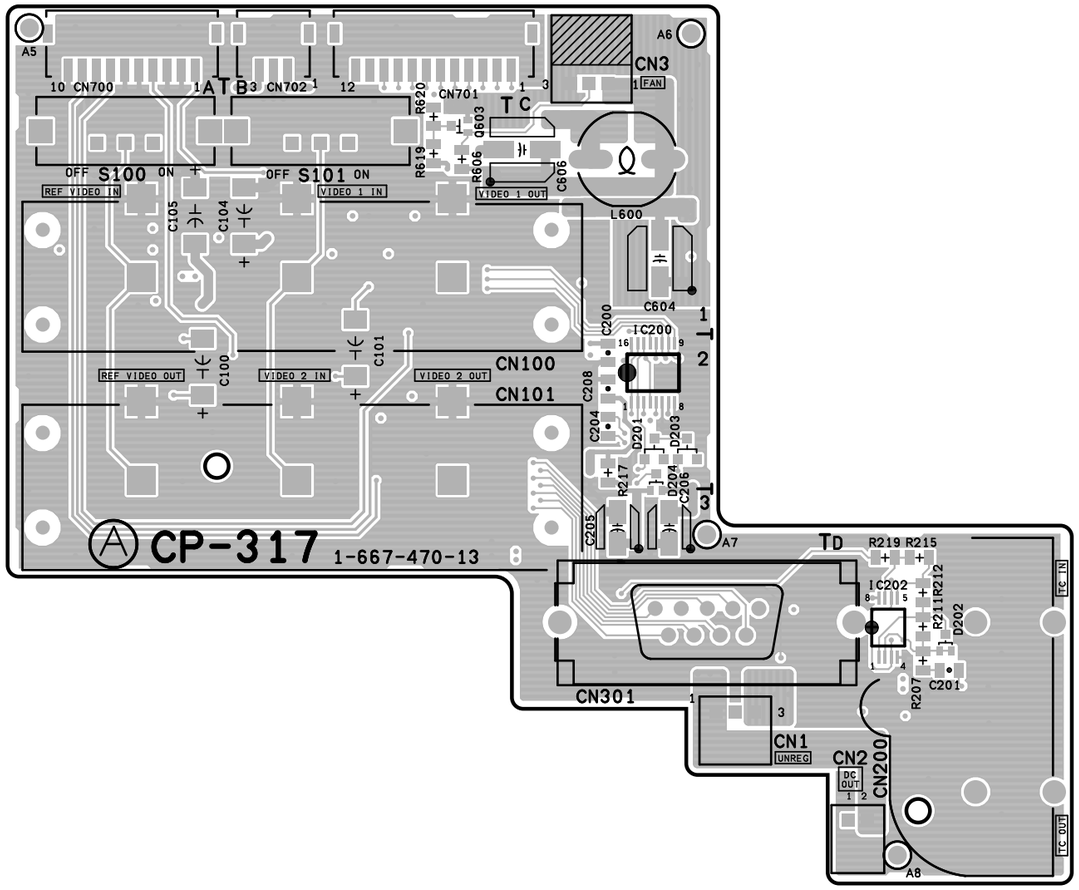
CP-316 -A SIDE-
SUFFIX: -12



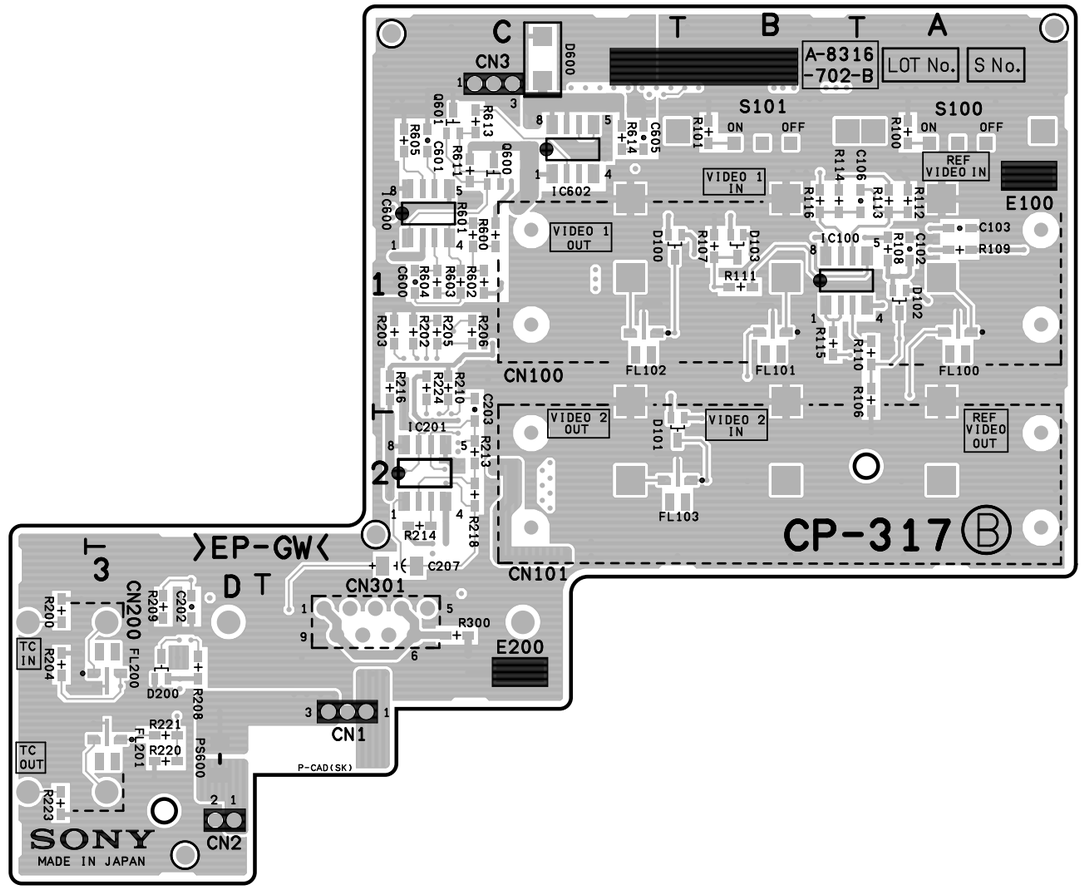
CP-316 -B SIDE-
SUFFIX: -12

CP-316(1-667-469-12)

C100	*A3	C300	*A1	C702	*C3	D400	A3	IC400	*A4	R100	*A3	R120	A1	R212	*B2	R402	*A4	R510	*B4	R808	*D4
C101	*A3	C301	*B1	C703	C3	D401	A3	IC401	A3	R101	*A3	R121	A1	R213	*B2	R403	*B4	R700	*C4	R809	*D4
C102	*A3	C302	A1	C704	C3	D500	B3	IC501	B3	R102	*A3	R122	A1	R214	*B2	R404	*A3	R701	*C4	R810	*D4
C103	*A2	C303	B1	C800	D4	D501	B3	IC700	*C4	R103	*A3	R123	A1	R215	*B2	R405	*A3	R702	*C4		
C104	*A2	C304	B1	C801	*C4	D700	C3	IC701	C3	R104	*A2	R124	*C4	R216	*B2	R406	*A4	R703	*C4	S100	A2
C105	A2	C305	B1	C802	*D3	D701	C3	IC801	D3	R105	*A2	R125	A1	R217	*B2	R407	*A4	R704	*C3	S101	A2
C106	A2	C400	*A4	C803	D3	D800	D3			R106	*A2	R126	A1	R218	*B2	R408	*A4	R705	*C3	S200	B2
C107	A1	C401	*B4	C804	D3	D801	D3	L100	*A2	R107	*A2	R127	*A2	R219	*A1	R409	*A4	R706	*C4	S201	B2
C108	C4	C402	*A3					L101	*A2	R108	*A2	R200	*B3	R220	*A1	R410	*A4	R707	*C4		
C109	A1	C403	A3	CN100	A3	FL400	*A4	L200	*B2	R109	*A2	R201	*B3	R221	*A1	R411	*A4	R708	*C4	*:B SIDE	
C200	*B3	C404	A3	CN101	B1	FL401	*A4	L201	*B2	R110	*A2	R202	*B2	R222	*B1	R500	*B4	R709	*C4		
C201	*B3	C500	*B4	CN400	A4	FL500	*B4			R111	*A2	R203	*B3	R223	*B1	R501	*B4	R710	*C4		
C202	*B3	C501	*A4	CN600	D4	FL501	*B4	Q100	*C4	R112	*A2	R204	*B2	R224	*D4	R502	*B4	R800	D4		
C203	*B2	C502	*B3	CN601	B4	FL700	*C4	Q200	*D4	R113	*A2	R205	*B2	R225	*B1	R503	*A4	R801	D4		
C204	*B2	C503	B3	CN700	D4	FL701	*C4	Q300	*B1	R114	*A2	R206	*B2	R226	*B1	R504	*B3	R802	D4		
C205	B2	C504	B3			FL800	*D4	Q301	B1	R115	*A2	R207	*B2	R227	*B2	R505	*B3	R803	*C3		
C206	B2	C600	B4	D100	A1	FL801	*D4	Q400	*A4	R116	*A2	R208	*B2	R300	*B1	R506	*B4	R804	*D3		
C207	*B1	C601	B4	D101	A1			Q500	*B4	R117	*A2	R209	*B2	R301	B1	R507	*B4	R805	*D3		
C208	*B1	C700	*C4	D200	*A1	IC100	A1	Q700	*C4	R118	*A2	R210	*B2	R400	*A4	R508	*B4	R806	*D4		
C209	D4	C701	*C4	D201	*A1	IC200	*B1	Q800	*D4	R119	A1	R211	*B2	R401	*B4	R509	*B4	R807	*D4		



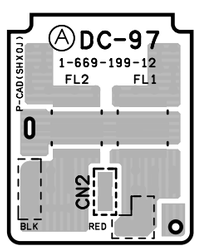
CP-317 -A SIDE-
SUFFIX: -13



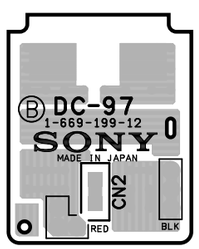
CP-317 -B SIDE-
SUFFIX: -13

CP-317(1-667-470-13)

A3	C3	C601	*C1	D103	*B1	IC200	C2	R109	*A1	R212	D3	R606	B1
		C604	C1	D200	*D3	IC201	*C2	R110	*A2	R213	*C2	R611	*C1
C100	A2	C605	*B1	D201	C2	IC202	D3	R111	*B1	R214	*C3	R613	*C1
C101	B2	C606	C1	D202	D3	IC600	*C1	R112	*A1	R215	D3	R614	*B1
C102	*A1			D203	C2	IC602	*C1	R113	*A1	R216	*C2	R619	B1
C103	*A1	CN1	C3	D204	C2			R114	*B1	R217	C2	R620	B1
C104	B1	CN2	D3	D600	*C1	L600	C1	R115	*B2	R218	*C3		
C105	A1	CN3	C1					R116	*B1	R219	D3	S100	A1
C106	*A1	CN100	B1	E100	*A1	PS600	*D3	R200	*D3	R220	*D3	S101	B1
C200	C2	CN101	B2	E200	*C3			R202	*C1	R221	*D3		
C201	D3	CN200	D3			Q600	*C1	R203	*C1	R223	*D3	*:B SIDE	
C202	*D3	CN301	C3	FL100	*A2	Q601	*C1	R204	*D3	R224	*C2		
C203	*C2	CN700	A1	FL101	*B2	Q603	B1	R205	*C1	R300	*C3		
C204	C2	CN701	B1	FL102	*B2			R206	*C1	R600	*C1		
C205	C3	CN702	B1	FL103	*B2	R100	*A1	R207	D3	R601	*C1		
C206	C3			FL200	*D3	R101	*B1	R208	*D3	R602	*C1		
C207	*C3	D100	*B1	FL201	*D3	R106	*A2	R209	*D3	R603	*C1		
C208	C2	D101	*B2			R107	*B1	R210	*C2	R604	*C1		
C600	*C1	D102	*A1	IC100	*B1	R108	*A1	R211	D3	R605	*C1		



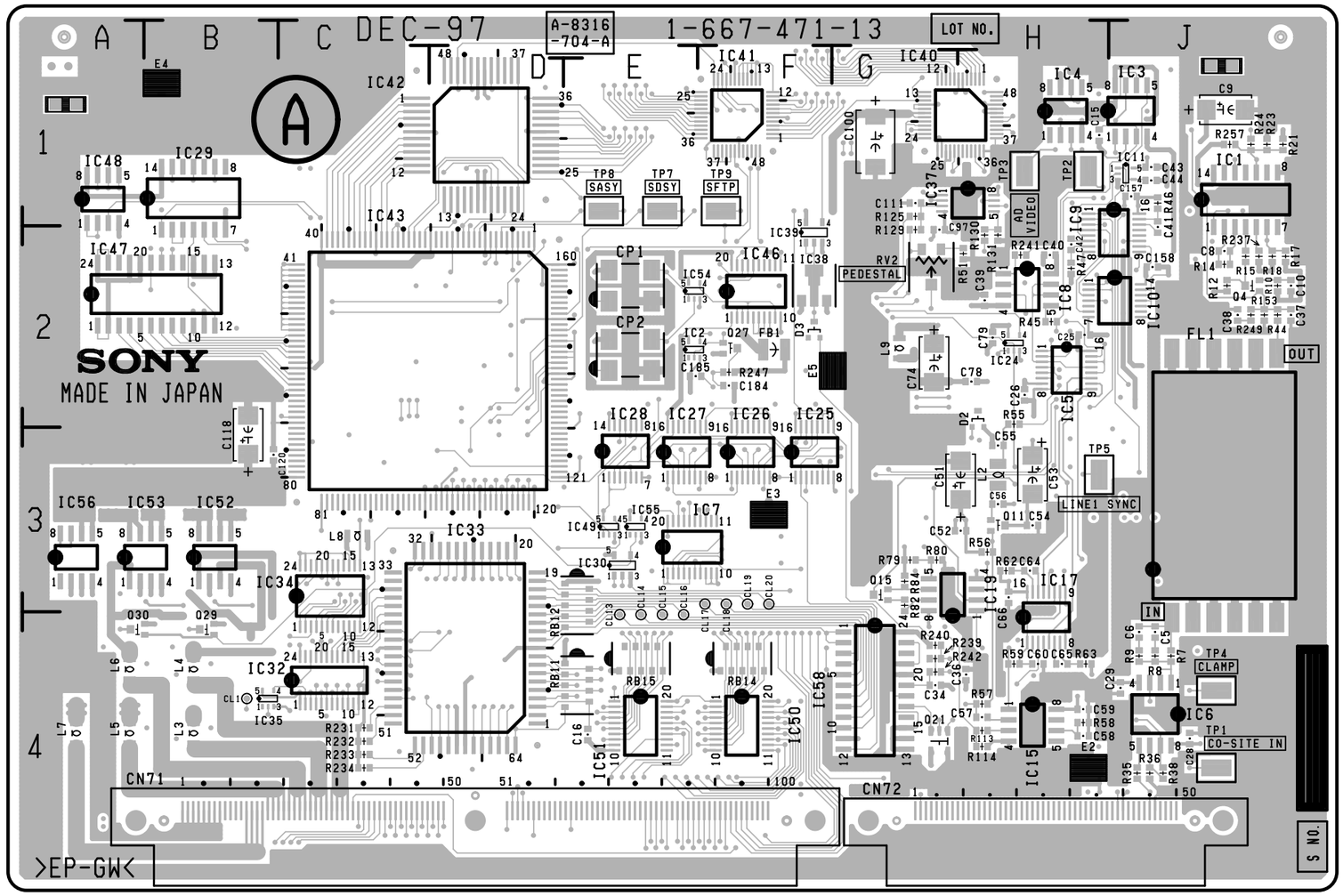
DC-97 -A SIDE-
SUFFIX: -12



DC-97 -B SIDE-
SUFFIX: -12

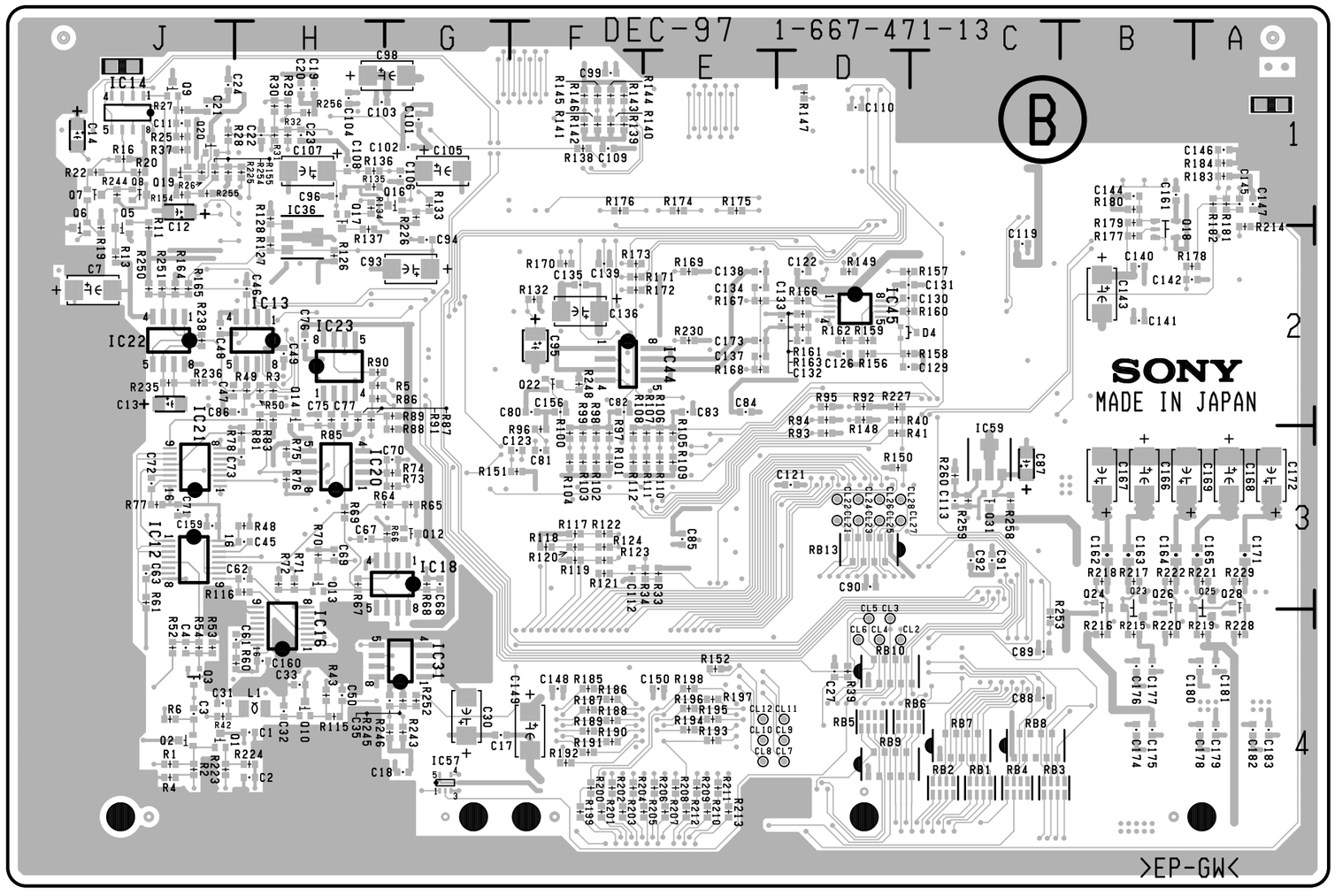
DEC-97 (1-667-471-13)

C1	*H4	C93	*G2	CL13	E4	IC57	*G4
C2	*H4	C94	*G2	CL14	E4	IC58	G4
C3	*J4	C95	*F2	CL15	E4	IC59	*C3
C4	*J4	C96	*H1	CL16	E4		
C5	J4	C97	G2	CL17	F3	L1	*H4
C6	J4	C98	*G1	CL18	F3	L2	H3
C7	*J2	C99	*F1	CL19	F3	L3	B4
C8	J2	C100	G1	CL20	F3	L4	B4
C9	J1	C101	*G1	CL21	*D3	L5	A4
C10	J2	C102	*G1	CL22	*D3	L6	A4
C11	*J1	C103	*H1	CL23	*D3	L7	A4
C12	*J1	C104	*H1	CL24	*D3	L8	C3
C13	*J2	C105	*G1	CL25	*D3	L9	G2
C14	*J1	C106	*G1	CL26	*D3		
C15	H1	C107	*H1	CL27	*D3	Q1	*J4
C16	E4	C108	*H1	CL28	*D3	Q2	*J4
C17	*G4	C109	*F1			Q3	*J4
C18	*G4	C110	*D1	CN71	D4	Q4	J2
C19	*H1	C111	G1	CN72	H4	Q5	*J2
C20	*H1	C112	*F3			Q6	*J2
C21	*J1	C113	*C3	CP1	E2	Q7	*J1
C22	*H1	C118	B3	CP2	E2	Q8	*J1
C23	*H1	C119	*C2			Q9	*J1
C24	*J1	C120	B3	D2	H2	Q10	*H4
C25	H2	C121	*D3	D3	F2	Q11	H3
C26	H2	C122	*D2	D4	*D2	Q12	*G3
C27	*D4	C123	*F3			Q13	*H3
C28	J4	C126	*D2	E2	H4	Q14	*H2
C29	J4	C129	*D2	E3	F3	Q15	G3
C30	*G4	C130	*D2	E4	B1	Q16	*G1
C31	*J4	C131	*D2	E5	G2	Q17	*H1
C32	*H4	C132	*D2			Q18	*B2
C33	*H4	C133	*D2	FB1	F2	Q19	*J1
C34	G4	C134	*E2			Q20	*J1
C35	*G4	C135	*F2	FL1	J3	Q21	G4
C36	H4	C136	*F2			Q22	*F2
C37	J2	C137	*E2	IC1	J2	Q23	*B3
C38	J2	C138	*E2	IC2	E2	Q24	*B3
C39	H2	C139	*F2	IC3	J1	Q25	*A3
C40	H2	C140	*B2	IC4	H1	Q26	*B3
C41	J2	C141	*B2	IC5	H2	Q27	F2
C42	H2	C142	*B2	IC6	J4	Q28	*A3
C43	J1	C143	*B2	IC7	E3	Q29	B4
C44	J1	C144	*B1	IC8	H2	Q30	A4
C45	*H3	C145	*A1	IC9	H1	Q31	*C3
C46	*H2	C146	*A1	IC10	H2		
C47	*J2	C147	*A1	IC11	J1	R1	*J4
C48	*J2	C148	*F4	IC12	*J3	R2	*J4
C49	*H2	C149	*F4	IC13	*H2	R3	*H2
C50	*H4	C150	*E4	IC14	*J1	R4	*J4
C51	H3	C156	*F2	IC15	H4	R5	*H2
C52	H3	C157	J1	IC16	*H4	R6	*J4
C53	H3	C158	J2	IC17	H4	R7	J4
C54	H3	C159	*J3	IC18	*G3	R8	J4
C55	H3	C160	*H4	IC19	H3	R9	J4
C56	H3	C161	*B1	IC20	*H3	R10	J2
C57	H4	C162	*B3	IC21	*J3	R11	*J2
C58	H4	C163	*B3	IC22	*J2	R12	J2
C59	H4	C164	*B3	IC23	*H2	R13	*J2
C60	H4	C165	*A3	IC24	H2	R14	J2
C61	*H4	C166	*B3	IC25	F3	R15	J2
C62	*H3	C167	*B3	IC26	F3	R16	*J1
C63	*J3	C168	*A3	IC27	E3	R17	J2
C64	H3	C169	*B3	IC28	E3	R18	J2
C65	H4	C171	*A3	IC29	B2	R19	*J2
C66	H3	C172	*A3	IC30	E3	R20	*J1
C67	*H3	C173	*E2	IC31	*G4	R21	J1
C68	*G3	C174	*B4	IC32	C4	R22	*J1
C69	*H3	C175	*B4	IC33	D4	R23	J1
C70	*G3	C176	*B4	IC34	C4	R24	J1
C71	*J3	C177	*B4	IC35	B4	R25	*J1
C72	*J3	C178	*A4	IC36	*H2	R26	*J1
C73	*H3	C179	*A4	IC37	G1	R27	*J1
C74	G2	C180	*A4	IC38	F2	R28	*J1
C75	*H2	C181	*A4	IC39	F2	R29	*H1
C76	*H2	C182	*A4	IC40	H1	R30	*H1
C77	*H2	C183	*A4	IC41	F1	R31	*H1
C78	H2	C184	F2	IC42	D1	R32	*H1
C79	H2	C185	E2	IC43	C2	R33	*E3
C80	*F2			IC44	*F2	R34	*E3
C81	*F3	CL1	B4	IC45	*D2	R35	J4
C82	*F2	CL2	*D4	IC46	F2	R36	J4
C83	*E2	CL3	*D4	IC47	A2	R37	*J1
C84	*E2	CL4	*D4	IC48	A1	R38	J4
C85	*E3	CL5	*D4	IC49	E3	R39	*D4
C86	*H2	CL6	*D4	IC50	F4	R40	*D2
C87	*C3	CL7	*D4	IC51	E4	R41	*D3
C88	*C4	CL8	*E4	IC52	B3	R42	*J4
C89	*C4	CL9	*D4	IC53	B3	R43	*H4
C90	*D3	CL10	*E4	IC54	E2	R44	J2
C91	*C3	CL11	*D4	IC55	E3	R45	H2
C92	*C3	CL12	*E4	IC56	A3	R46	J1



DEC-97 -A SIDE-
SUFFIX: -13

http://getMANUAL.com



DEC-97 -B SIDE-
SUFFIX: -13

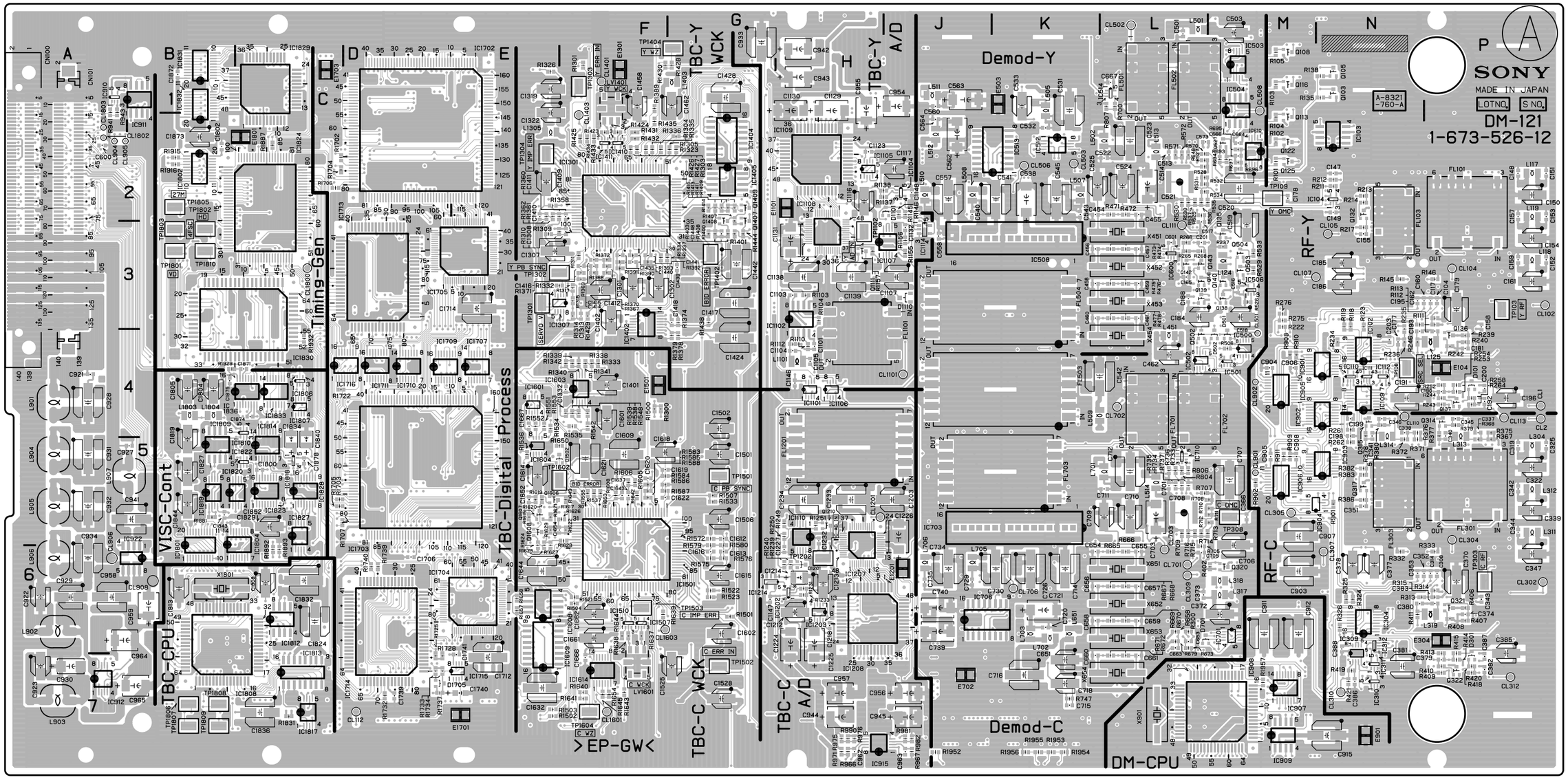
R47	H2	R139	*F1	R231	C4
R48	*H3	R140	*F1	R232	C4
R49	*H2	R141	*F1	R233	C4
R50	*H2	R142	*F1	R234	C4
R51	H2	R143	*F1	R235	*J2
R52	*J4	R144	*F1	R236	*J2
R53	*J4	R145	*F1	R237	J2
R54	*J4	R146	*F1	R238	*J2
R55	H2	R147	*D1	R239	G4
R56	H3	R148	*D2	R240	G4
R57	H4	R149	*D2	R241	H2
R58	H4	R150	*D3	R242	G4
R59	H4	R151	*F3	R243	*G4
R60	*H4	R152	*E4	R244	*J1
R61	*J3	R153	J2	R245	*G4
R62	H3	R154	*J1	R246	*G4
R63	H4	R155	*J1	R247	F2
R64	*H3	R156	*D2	R248	*F2
R65	*G3	R157	*D2	R249	J2
R66	*G3	R158	*D2	R250	*J2
R67	*H3	R159	*D2	R251	*J2
R68	*G3	R160	*D2	R252	*G4
R69	*H3	R161	*D2	R253	*C4
R70	*H3	R162	*D2	R254	*J1
R71	*H3	R163	*D2	R255	*J1
R72	*H3	R164	*J2	R256	*H1
R73	*G3	R165	*J2	R257	J1
R74	*G3	R166	*D2	R258	*C3
R75	*H3	R167	*E2	R259	*C3
R76	*H3	R168	*E2	R260	*C3
R77	*J3	R169	*E2		
R78	*H3	R170	*F2	RB1	*C4
R79	G3	R171	*F2	RB2	*C4
R80	G3	R172	*F2	RB3	*C4
R81	*H2	R173	*F2	RB4	*C4
R82	G3	R174	*E1	RB5	*D4
R83	*H2	R175	*E1	RB6	*D4
R84	G3	R176	*F1	RB7	*C4
R85	*H2	R177	*B2	RB8	*C4
R86	*H2	R178	*B2	RB9	*D4
R87	*H2	R179	*B1	RB10	*D4
R88	*G3	R180	*B1	RB11	E4
R89	*G2	R181	*A1	RB12	E3
R90	*H2	R182	*A1	RB13	*D3
R91	*H2	R183	*A1	RB14	F4
R92	*D2	R184	*A1	RB15	E4
R93	*D3	R185	*F4		
R94	*D2	R186	*F4	RV2	G2
R95	*D2	R187	*F4		
R96	*F3	R188	*F4	TP1	J4
R97	*F3	R189	*F4	TP2	H1
R98	*F3	R190	*F4	TP3	H1
R99	*F3	R191	*F4	TP4	J4
R100	*F3	R192	*F4	TP5	H3
R101	*F3	R193	*E4	TP7	E1
R102	*F3	R194	*E4	TP8	E1
R103	*F3	R195	*E4	TP9	F1
R104	*F3	R196	*E4		
R105	*E3	R197	*E4	*:B SIDE	
R106	*E3	R198	*E4		
R107	*E3	R199	*F4		
R108	*F3	R200	*F4		
R109	*E3	R201	*F4		
R110	*E3	R202	*F4		
R111	*E3	R203	*F4		
R112	*F3	R204	*F4		
R113	H4	R205	*E4		
R114	H4	R206	*E4		
R115	*H4	R207	*E4		
R116	*H3	R208	*E4		
R117	*F3	R209	*E4		
R118	*F3	R210	*E4		
R119	*F3	R211	*E4		
R120	*F3	R212	*E4		
R121	*F3	R213	*E4		
R122	*F3	R214	*A2		
R123	*F3	R215	*B4		
R124	*F3	R216	*B4		
R125	G1	R217	*B3		
R126	*H2	R218	*B3		
R127	*H2	R219	*A4		
R128	*H1	R220	*B4		
R129	G2	R221	*A3		
R130	H2	R222	*B3		
R131	H2	R223	*J4		
R132	*F2	R224	*H4		
R133	*G1	R225	*H1		
R134	*H1	R226	*G1		
R135	*H1	R227	*D2		
R136	*H1	R228	*A4		
R137	*H2	R229	*A3		
R138	*F1	R230	*E2		

DM-121(1-673-526-12)

C102	*P4	C195	P4	C451	*L3	C656	K6	C934	A6	C1212	H6	C1436	*G3	C1628	*E6	C1808	C6	CL105	N3	D1803	*C7	IC710	L5	IC1717	*E1	L319	P6	Q115	*M1	Q654	*L6	Q1603	*G5	R179	*N2
C103	*P3	C196	P4	C452	*L3	C657	L6	C935	*A4	C1213	H6	C1437	*G3	C1629	*E6	C1809	*C6	CL107	M3	D1804	*C7	IC901	N4	IC1718	*D4	L451	L4	Q116	M1	Q655	*L6	Q1604	*F6	R180	*N2
C104	P3	C197	*L3	C454	K2	C658	K6	C936	*A6	C1214	H6	C1438	*F2	C1630	*E6	C1810	*B4	CL110	N4	D1808	*C5	IC902	N4	IC1800	*B7	L501	L1	Q117	*M1	Q656	*L6	Q1605	*F4	R181	*N3
C105	*P3	C198	N4	C455	L2	C659	L6	C937	*A7	C1215	*H6	C1439	G3	C1631	*E6	C1811	*B6	CL111	L3	D1809	*C5	IC903	N5	IC1801	B6	L502	L2	Q118	*N2	Q657	*L6	Q1606	E5	R182	*P2
C106	*P3	C199	N4	C456	K3	C660	K7	C938	*A5	C1216	*H5	C1440	F3	C1632	E7	C1812	*B4	CL112	D7	D1810	*C5	IC904	M5	IC1802	B2	L503	*L2	Q119	*P2	Q658	*M6	Q1607	E5	R183	*P2
C107	*N2	C200	P4	C457	L3	C661	L7	C939	*A5	C1217	*H6	C1441	F3	C1633	*E7	C1813	B6	CL113	P4	D1910	*C1	IC905	M4	IC1803	*C7	L504	*L2	Q120	*N2	Q659	*L6	Q1608	E5	R184	*P2
C108	*N2	C201	L3	C458	K3	C662	*L6	C940	*A6	C1218	H6	C1442	G3	C1634	*E7	C1814	*B6	CL302	P6			IC906	M5	IC1804	B6	L505	K1	Q121	*P2	Q660	*L6	Q1609	*F7	R185	*P3
C109	*N2	C203	N4	C459	L3	C663	L6	C941	B5	C1219	*H5	C1443	*G2	C1635	*E6	C1815	*B6	CL304	P5	E101	*P4	IC907	M7	IC1805	*C6	L506	*K2	Q122	M2	Q661	*L6	Q1610	*F7	R186	*N2
C110	*N2	C204	*N4	C460	K3	C664	M2	C942	H1	C1220	*H6	C1444	*G2	C1636	*E5	C1816	*B4	CL305	M5	E102	*P2	IC908	M7	IC1806	C4	L507	K2	Q123	*P2	Q662	*L6	Q1611	*F7	R187	*N3
C111	*N2	C301	*P6	C461	L3	C665	*M2	C943	H1	C1221	*H5	C1445	*G2	C1637	F5	C1817	*C4	CL307	N6	E103	*N4	IC909	M7	IC1807	C4	L508	J2	Q124	*N2	Q702	*L4	Q1801	*B4	R188	*P2
C112	*N1	C302	*P6	C462	L4	C666	M2	C944	H7	C1222	*H6	C1446	*G3	C1638	*F5	C1818	*B4	CL309	L6	E104	P4	IC910	A1	IC1808	B6	L509	K4	Q125	M2	Q703	*L5	Q1802	*C5	R189	*P2
C113	*N1	C308	P6	C463	*L4	C667	L1	C945	J7	C1223	*H6	C1447	*G2	C1639	*F5	C1819	B5	CL310	N7	E301	*P5	IC911	B2	IC1809	B5	L510	J2	Q126	*P2	Q704	*L4	Q1803	*C5	R190	*N2
C114	*P3	C309	*P6	C501	L1	C701	L5	C946	*A7	C1224	H6	C1448	G3	C1640	*F5	C1820	*B5	CL312	P7	E302	*P6	IC912	A7	IC1810	C4	L511	J1	Q127	*N2	Q705	*L5	Q1804	*B6	R191	*P2
C115	*P3	C312	*P6	C502	*M1	C702	*M6	C947	*A7	C1225	H6	C1449	*G3	C1641	*F6	C1821	*B4	CL500	*M2	E303	*N6	IC914	*J1	IC1811	*C5	L512	J2	Q128	*M2	Q706	*L5	Q1805	*B7	R192	*P2
C116	*N1	C313	*P6	C503	M1	C703	L5	C948	*H1	C1226	J5	C1450	*G3	C1642	*F5	C1822	*C4	CL501	M4	E304	P6	IC915	J7	IC1812	C6	L513	L2	Q129	*P2	Q707	*L5			R193	*N2
C117	P3	C314	P6	C505	*M1	C704	*M5	C949	*H1	C1227	H6	C1451	*G3	C1643	F5	C1823	*C5	CL502	L1	E501	*J1	IC916	*B7	IC1813	C7	L514	L5	Q130	*N2	Q708	*L5	R101	M2	R194	*N2
C118	*M1	C315	*P5	C506	*M1	C705	L6	C950	*H7	C1228	*H6	C1452	*G3	C1644	E6	C1824	C6	CL503	K2	E502	*L4	IC917	*H1	IC1814	C5	L651	K6	Q131	*N3	Q709	*L5	R102	M2	R195	*M2
C119	*N1	C316	*N5	C507	*M1	C706	M5	C951	*J7	C1229	*H5	C1453	*F2	C1645	*F6	C1825	*C7	CL506	K2	E503	K1	IC918	*H7	IC1815	*C5	L701	L5	Q132	N2	Q710	*K5	R103	M1	R196	*P2
C120	*M2	C317	*P5	C508	*M1	C707	M5	C952	*B6	C1230	*H5	C1454	*F1	C1646	*F6	C1826	*C7	CL508	M1	E701	*L6	IC920	*H1	IC1816	*C6	L702	K6	Q133	*N3	Q711	*K7	R104	M2	R197	*P2
C121	*P3	C318	*N5	C509	*M2	C708	L5	C953	*A6	C1232	H5	C1455	*F1	C1647	*F5	C1827	B5	CL701	L6	E702	J7	IC921	*H7	IC1817	C7	L703	K6	Q134	*N4	Q712	*K6	R105	M1	R198	*P2
C122	*N3	C319	P5	C510	*L4	C709	L5	C954	J1	C1233	H5	C1456	*F1	C1648	*F6	C1828	*B5	CL702	L4	E901	N7	IC922	B6	IC1818	C5	L704	*K6	Q135	M3	Q713	*K6	R106	*P4	R199	*P2
C123	*P3	C320	*P5	C511	*M1	C710	L5	C955	H1	C1234	H5	C1457	*F3	C1649	*F6	C1829	B5	CL703	L6	E1101	H2	IC1101	H4	IC1819	B5	L705	J6	Q136	P4	Q714	*K5	R107	*P3	R200	*N2
C124	*N3	C321	*N5	C512	*M2	C711	L5	C956	J7	C1235	*H5	C1458	F1	C1650	*F5	C1830	*C6	CL706	K6	E1102	*H4	IC1102	H4	IC1820	B5	L706	J6	Q137	P4	Q715	*J5	R108	*P3	R201	*N2
C125	*M1	C322	P5	C513	L2	C712	L5	C957	H7	C1236	*H5	C1459	*F1	C1651	*F5	C1831	*C4	CL901	M5	E1201	J6	IC1103	*H2	IC1821	*C3	L707	*J6	Q138	M3	Q716	*K5	R109	*P4	R202	*N2
C126	*P3	C323	*P5	C514	L2	C713	*K5	C958	A6	C1237	*H6	C1460	*F3	C1652	E5	C1832	C6	CL902	M4	E1301	F1	IC1104	J2	IC1822	C5	L708	*J6	Q139	L3	Q717	*J6	R110	*P4	R203	*N2
C127	*N3	C324	*N5	C515	*M2	C714	K6	C959	B6	C1301	F3	C1461	*F2	C1653	*F5	C1833	*C7	CL904	A2	E1401	*F3	IC1105	H2	IC1823	C5	L901	A4	Q140	M3	Q718	*J7	R111	N3	R204	*P2
C128	*P3	C325	P5	C516	M3	C715	K7	C960	*H1	C1302	F3	C1462	G1	C1654	E5	C1834	C5	CL905	A2	E1501	F4	IC1106	H4	IC1824	C2	L902	A6	Q141	L3	Q719	*J6	R112	P3	R205	*N2
C129	*N3	C326	*P5	C517	L3	C716	K7	C961	*J1	C1303	*F3	C1463	*G2	C1655	*F7	C1835	*C5	CL906	A6	E1601	*G6	IC1107	H3	IC1825	*C2	L903	A7	Q142	L3	Q720	*J6	R113	P3	R206	*M2
C130	*M2	C327	*P5	C518	M3	C717	*K6	C962	H7	C1304	*F3	C1464	*F2	C1656	*F7	C1836	C7	CL907	*A5	E1701	E7	IC1108	H3	IC1826	*C2	L904	A5	Q143	L3	Q721	*J6	R114	*P3	R207	*P2
C131	*N2	C328	*P5	C519	M3	C718	K7	C963	J7	C1305	*F3	C1501	G5	C1657	*F7	C1837	*C7	CL908	B6	E1702	*C3	IC1109	H2	IC1827	C6	L905	A5	Q151	*P4	Q722	*J6	R115	*P3	R208	*N2
C132	*P2	C329	*N5	C520	M2	C719	*K6	C964	A6	C1306	*F3	C1502	G4	C1658	*F5	C1838	*C7	CL909	*B6	E1703	C1	IC1110	H5	IC1828	C5	L906	A6	Q301	*P6	Q723	*J6	R116	*P3	R209	*P2
C133	*N2	C330	*P5	C521	L2	C720	K6	C965	B7	C1307	E3	C1503	*G5	C1659	*G5	C1839	*C5	CL1101	J4	E1801	C2	IC1111	*G1	IC1829	C1	L907	B5	Q302	*P5	Q901	*M4	R117	*P3	R210	*N2
C134	*P2	C331	*N5	C522	L2	C721	K6	C966	*B5	C1308	F3	C1504	*G4	C1660	*F7	C1840	C5	CL1201	H5	E1802	*B6	IC1112	*G4	IC1830	C3	L1101	H4	Q303	*P5	Q902	*L7	R118	N3	R211	N2
C135	*M2	C332	*P5	C523	L2	C722	*K5	C1101	H4	C1309	*F3	C1505	*G5	C1661	F6	C1841	*C5	CL1401	F1			IC1113	*G1	IC1831	B1	L1102	*J3	Q304	*P5	Q903	*M7	R119	N3	R212	N2
C136	*P2	C333	*N5	C524	L2	C723	*K6	C1102	*J4	C1310	*F3	C1506	G5	C1662	F6	C1842	*C7	CL1403	F2	FL101	P2	IC1114	J3	IC1832	B2	L1103	*H2	Q305	*N5	Q904	*M7	R120	*P3	R213	N2
C137	*N2	C334	*P5	C525	K2	C724	*K6	C1103	H3	C1311	*E3	C1507	*G5	C1663	*F6	C1843	B5	CL1601	F7	FL103	N2	IC1201	*H6	IC1833	C4	L1104	*H1	Q306	*P5	Q905	*H1	R121	*P3	R214	N2
C138	*M2	C335	*P4	C526	*L2	C725	*K6	C1104	H4	C1312	*E3	C1508	*F4	C1664	*F6	C1844	B5	CL1603	F6	FL301	P5	IC1202	H6	IC1834	*C6	L1105	*H1	Q307	*N5	Q906	*J1	R122	*P3	R215	*N3
C139	*P2	C336	*N4	C527	*L2	C726	K6	C1105	H4	C1313	F3	C1509	*F5	C1665	*F6	C1845	*B5	CL1800	C3	FL303	N5	IC1203	H6	IC1835	*D1	L1106	*H3	Q308	*N5	Q907	*H7	R123	N3	R216	*N3
C140	*N2	C337	P4	C528	*L2	C727	*K6	C1106	*H4	C1314	*F3	C1510	*F5	C1666	F7	C1846	*C5	CL1802	A2	FL501	L1	IC1207	H5	IC1836	C4	L1201	*H5	Q309	*P5	Q908	*J7	R125	*N2	R217	N3
C141	*P2	C338	N4	C529	*L2	C728	*K6	C1107	J3	C1315	*F3	C1511	*F5	C1667	E4	C1847	*B5	CL1803	A2	FL502	L1	IC1208	H6	IC1837	*B3	L1202	*H6	Q310	*P4	Q909	*A7	R126	*N2	R218	*N3
C142	*N2	C339	P5	C530	*L2	C729	J6	C1108	*H2	C1316	*F3	C1512	*F5	C1701	*D1	C1848	*B5			FL503	K4	IC1214	G6	IC1838	*B3	L1203	*H7	Q311	*N4	Q910	*A6	R127	*N2	R219	*N3
C143	*P2	C340	P4	C531	K1	C730	K6	C1109	*J3	C1317	*F3	C1513	*F5	C1702	*D4	C1849	*C3	CN1	*P4	FL504	K3	IC1301	F2	IC1839	*B3	L1204	*H7	Q312	*P4	Q911	*H1	R128	*N2	R220	*N3
C144	*N2	C341	N4	C532	K2	C731	*K5	C1110	*H2	C1318	*E1	C1514	*F4	C1703	*D2	C1850	*C5	CN100	A2	FL701	L4	IC1302	*E1	IC1840	*B2	L1205	*J5	Q313	*N4	Q912	*J1	R129	*N2	R221	*N3
C145	*P2	C342	P5	C533	K1	C732	*J5	C1111	*H3	C1319	E1	C1515	*F4	C1704	*D5	C1851	*C5	CN101	A2	FL702	L4	IC1303	*E1	IC1841	*B4	L1301	*F3	Q314	P4	Q913	*H7	R130	*N2	R222	M3
C146	*N2	C343	P6	C534	*K1	C733	*J5	C1112	*J2	C1320	*E1	C1516	*F4	C1705	*D2	C1852	C5			FL703	K5	IC1304	*F1	IC1951	*J7	L1302	*F3	Q315	N4	Q914	*J7	R131	*N1	R223	*N4
C147	N2	C344	P5	C535	*K4	C734	J6	C1113	*H2	C1321	*E1	C1517	*F4	C1706	D6	C1853	*C5	D101	P4	FL1101	H4	IC1305	*E2	IC1952	*J7	L1303	*F3	Q316	*N5	Q915	*A7	R132	*P3	R224	*N3
C148	P2	C345	P4	C536	*K4	C735	J6	C1114	*H3	C1322	E1	C1518	*F5	C1707	*E2	C1854	*C2	D301	P7	FL1201	H5	IC1306	*F2	IC1953	*K7	L1304	*E3	Q317	N5	Q916	*A6	R133	*P3	R225	*N3
C149	N2	C346	N4	C537	*K3	C736	*K5	C1115	*H3	C1323	*E2	C1519	*F5	C1708	*E5	C1855	*C6	D501	M4			IC1307	E3	IC1954	*K7	L1305	E2	Q318	*N6	Q917	*G1	R134	*N1	R226	*N3
C150	P2	C347	P6	C538	K2	C737	*J6	C1116	H2	C1324	*F2	C1520	*F5	C1709	*E1	C1856	*C5	D502	M4	IC101	*P4	IC1402	F3	IC1955	*K7	L1310	*G2	Q319	*N6	Q918	*H7	R135	N1	R227	*N3
C151	P2	C348	*N4	C539	*K3	C738	*J6	C1117	J2	C1325	*F2	C1521	*F5	C1710	*E3	C1857	*C6	D503	*K2	IC102	N4	IC1404	G2			L1401	*E3	Q320	M6	Q919	*B6	R136	*P3	R228	*N3
C152	P3	C349	*M5	C540	J2	C739	J6	C1118	*H2	C1326	*F2	C1522	*F5	C1711	*E6	C1858	*C5	D504	*K2	IC103	N2	IC1405	G2	L101	*P3	L1402	*F2	Q321	P6	Q920	*G1	R137	*P3	R229	*N4
C153	P2	C350	*N6	C541	K2	C740	J6	C1119	*J2	C1327	*F2	C1523	*F5	C1712	E7	C1859	*C6	D505	*J2	IC104	N2	IC1406	*G3	L102	*N1	L1403	G1	Q322	P7	Q921	*J7	R138	N1	R230	*N3
C154	P3	C351	N5	C542	K4	C741	*J6	C1120	*H3	C1328	*F2	C1524	*G6	C1713	*D6	C1860	*C5	D701	L6	IC105	*M2	IC1407	*G3	L103	*N1	L1501	*G5	Q351	*P6	Q922	*B6	R139	*N1	R231	*N4
C155	N3	C352	N6	C543	K2	C742	*K6	C1121	*J2	C1329	*F2	C1525	G7	C1714	E3	C1861	*C5	D702	*K6	IC106	*M3	IC1408	*F2	L104	*N1	L1502	*G4	Q450	*L3	Q1101	*J3	R140	*N1	R232	*M4
C156	*N3	C353	N6	C544	*K4	C743	*K6	C1122	*J2	C1330	*F2	C1526	*G6	C1715	*E2	C1862	*C5	D703	*K6	IC108	*P4	IC1409	*G3	L105	*N1	L1503	*F5	Q451	*L3	Q1102	*J3	R141	*N1	R233	*M3
C157	P2	C354	*M5	C545	K2	C744	*J6	C1123	H2	C1331	*F3	C1527	*G6	C1716	*E6	C1863	*C5	D704	*J6	IC109	N4	IC1410	F2	L106	*N1	L1504	*F5	Q452	*L3	Q1103	*H4	R142	*M1	R234	N4
C158	P3	C355	*M5	C546	*J4	C745	*J6	C1124	*H3	C1332	F4	C1528	G7	C1717	*E3	C1864	*C5	D901	*M7	IC110	N4	IC1411	F2	L107	*P3	L1505	*F4	Q453	*L3	Q1104	*H4	R143	*M1	R235	N3
C159	P3	C356	*N6	C547	*J4	C746	*J6	C1125	*H2	C1401	F4	C1529	*G7	C1718	*E6	C1865	*C5	D902	*A6	IC111	N4	IC1501	F6	L108	*N3	L1506	*F5	Q454	*L3	Q1105	*H3	R144	*M1	R236	N4
C160	N3	C357	*N6	C548	*J4	C747	*J6	C1126	*H1	C1402	F3	C1530	*G6	C1719	*E3	C1866	*C1	D903	*H1	IC112	N4	IC1502	*G7	L109	*P2	L1507	*G7	Q455	*L3	Q1106	*H3	R145	N3	R237	M3
C161	P3	C358	*N6	C549	*J4	C901	*M7	C1127	*H3	C1403	*E3	C1531	*G6	C1720	*E6	C1867	*B1	D904	*J1	IC302	*P6	IC1503	*G6	L110	*N2	L1601	*G5	Q456	*L3	Q1107	*H3	R146	P3	R238	*M3
C162	N3	C359	*N6	C550	*J3	C902	*L7	C1128	*H2	C1404	*E2	C1532	*G6	C1721	*E3	C1868	*B3	D905	*H7	IC304	N6	IC1504	*G7	L111	*N2	L1602	*F6	Q457	*L3	Q1108	*H2	R147	*M1	R239	P4
C163	*M2	C360	*M3	C551	*K2	C903	M6	C1129	H1	C1405	*F3	C1533	*F6	C1722	*E3	C1869	*C3	D906	*J7	IC305	*M5	IC1505	*G6	L112	*M2	L1603	*F6	Q458	*L3	Q1109	*H3	R148	*M1	R240	P4
C164	*M2	C361	*M3	C552	*K2	C904	M4	C1130	H1	C1406	*F2	C1534	*F5	C1723	*E6	C1870	*D1	D907	*A7	IC308	*P7	IC1506	*F6	L113	*P2	L1610	*E6	Q501	*L4	Q1110	*H3	R149	*P3	R241	*M3
C165	L3	C362	*M4	C553	*J3	C905	M5	C1131	H3	C1407	*F2	C1535	*F6	C1724	*E3	C1871	C4	D1101	J2	IC309	N6	IC1507	F6	L114	*M2	L1701	*E7	Q502	L4	Q1111	H3	R150	*N3	R242	P4
C166	*N3	C363	*N6	C554	*K2	C906	M4	C1132	J3	C1408	*F3	C1536	*F6	C1725	*E6	C1872	B1	D1102	*H3	IC310	N7	IC1510	F6	L115	*N2	L1702	*E3	Q503	M3	Q1201	*J5	R151	*M1	R243	P4
C167	*N3	C364	*N6	C555	*K2	C907	M5	C1133	*H2	C1409	E2	C1601	F4	C1726	*E3	C1873	B2	D1103	*H3	IC311	N7	IC1601	E4	L116	*P2	L1801	*B4	Q504	M3	Q1202	*J5	R152	*P3	R244	P4
C168	*N3	C365	*M6	C556	*J3	C908	M5	C1134	*H3	C1410	E2	C1602	G6	C1727	*E6	C1874	C4	D1104	*H3	IC312	N6	IC1603	F4	L117	P2	L1802	*B4	Q505	*L1	Q1203	*H4	R153	*N3	R245	*M3
C169	*N4	C366	M5	C557	J2	C909	*L7	C1135	*H3	C1411	F2	C1603	*F5	C1728	*E6	C1875	B4	D1110	J3	IC451	*L4	IC1604	E5	L118	P3	L1803	B4	Q506	*L2	Q1204	*H4	R154	*M1	R246	N4
C170	*N3	C367	*N6	C558	J3	C910	*L7	C1136	*J3	C1412	F3	C1604	*G5	C1729	*E6	C1876	*B6	D1201	H6	IC500	M4	IC1605	*E5	L119	P2	L1804	B4	Q507	*L1	Q1205	*H5	R155	*M2	R247	*M3
C171	*N4	C368	*M6	C559	*J2	C911	M6	C1138	H3	C1413	*G3	C1605	*G5	C1730	*E6	C1877	*C4	D1202	*H5	IC501	M4	IC1606	*E6	L120	*L3	L1805	*B5	Q508	*L1	Q1206	*H5	R156	*M2	R248	*M3
C172	*M3	C369	*M6	C560	J1	C912	M6	C1139	H3	C1414	F3	C1606	*F5	C1731	*E5	C1878	C5	D1203	*H5	IC502	L4	IC1608	E6	L121	*N3	L1806	*C6	Q509	*L1	Q1207	*H5	R157	*M2	R249	*M3
C173	*M4	C370	P6	C561	*J2	C913	*M7	C1140	*H3	C1415	F3	C1607	*E5	C1732	*E4	C1879	*B5	D1204	*H5	IC503	M1	IC1609	E7	L122	*N4	L1807	*B5	Q510	*L2	Q1208	*H5	R158	*P3	R250	*L3
C174	*M3	C371	*M6	C562	J2	C914	*L7	C1141	*H3	C1416	F3	C1608	*G5	C1733	*D4	C1880	*E1	D1210	*H5	IC504	M2	IC1610	*E5	L123	*M3	L1808	*B5	Q511	*L2	Q1209	*H5	R159	*N3	R251	*L3
C175	*M3	C372	M6	C563	J1	C915	N7	C1142	*H2	C1417	G3	C1609	F5	C1734	*D4	C1881	*B7	D1301	*F2	IC505	*L2	IC1611	*F6	L124	M3	L1810	*B2	Q512	*K1	Q1210	H5	R160	*P3	R252	P4
C176	*N4	C373	L6	C564	J2	C916	*M7	C1143	*G1	C1418	G3	C1610	*G5	C1735	*D4	C1882	*C7	D1401	*G3	IC506	M3	IC1612	*F5	L125	P4			Q513	*K1	Q1301	*F3	R161	*N3	R253	P4
C177	N4	C374	P6	C565	*J2	C917	*B1	C1144	*G4	C1419	*G3	C1611	*G5	C1736	*D4	C1883	*B3	D1402	*G2	IC507	*K4	IC1614	F7	L302	*P5	LV1401	F1	Q514	*K2	Q1302	*F3	R162	*M1	R254	P4
C178	M2	C375	*M6	C566	*K2	C918	*B1	C1145	*G1	C1420	*G2	C1612	G5	C1737	*E6	C1884	*B4	D1405	*F2	IC508	K3	IC1701	*E1	L303	*N5	LV1601	F7	Q515	*K4	Q1401	*E3	R163	*M1	R255	*P4
C179	P3	C377	N6	C567	*J2	C919	*B1	C1146	H4	C1421	*F3	C1613	G6	C1738	*D3	C1885	*B4	D1406	*F2	IC509	*J4	IC1702	D2	L304	P5			Q516	*K3	Q1402	*F3	R164	*M1	R256	*M3
C180	*M3	C378	N6	C568	*J2	C920	*B2	C1147	G6	C1422	*G4	C1614	E5	C1739	D7	C1886	*B3	D1501	*G6	IC510	*J4	IC1703	D5	L305	*P5	Q101	*P3	Q517	*J4	Q1403	*E2	R165	*M1	R257	*N4
C181	P4	C379	P7	C569	*J2	C921	A4	C1148	J2	C1423	*G4	C1615	G6	C1740	E7	C1887	*B2	D1502	E5	IC511	*J3	IC1704	E6	L306	*N5	Q102	*P3	Q518	*J3	Q1404	*E3	R166	*M1	R258	P4
C182	*M3	C380	N6	C570	*J2	C922	A6	C1149	*H4	C1424	G4	C1616	G6	C1741	E7	C1888	*B3	D1601	*F5	IC512	K2	IC1705	E3	L307	*P5	Q103	N1	Q519	*K3	Q1405	*G2	R167	*P2	R259	*L3
C183	*M3	C381	N7	C571	*J3	C923	A7	C1201	*J5	C1425	*G2	C1617	*G5	C1742	*C4	C1889	*B3	D1602	*F6	IC513	K2	IC1706	*D4	L308	*P5	Q104	*P3	Q520	*J2	Q1406	*G4	R168	*P2	R260	*L3
C184	L3	C382	P7	C572	*M2	C924	*A4	C1202	*H4	C1426	*G2	C1618	F5	C1743	*E1	C1890	*B4	D1603	*F6	IC514	L1	IC1707	E4	L309	*N5	Q105	N1	Q521	*J2	Q1407	G2	R169	*N2	R261	N4
C185	N3	C383	P6	C573	L2	C925	*A5	C1203	J5	C1427	*G2	C1619	F5	C1744	*D4	C1891	*B2	D1604	*F6	IC600	L3	IC1708	*D5	L310	*P5	Q106	*N1	Q522	*J2	Q1408	G2	R170	*N2	R262	N5
C186	N3	C384	*P6	C600	A2	C926	*A6	C1204	*H5	C1428	G1	C1620	F5	C1800	C5	C1950	*J7	D1701	*D3	IC610	M2	IC1709	D4	L311	P5	Q107	*M1	Q523	*J2	Q1409	G2	R171	*M2	R263	*L3
C187	*M3	C385	P6	C601	L3	C927	B5	C1205	*H6	C1429	*G2	C1621	F5	C1801	*B5	C1951	*K7	D1702	*D3	IC651	*L7	IC1710	D4	L312	P5	Q108	M1	Q524	*J2	Q1410	*F1	R172	*N2	R264	P4
C188	L3	C386	N7	C650	*M2	C928	A4	C1206	*H6	C1430	*G2	C1622	F5	C1802	B2	C1952	*K7	D1703	*D3	IC701	M6	IC1711	D4	L313	P4	Q109	*M1	Q525	*J2	Q1411	*F1	R173	*P2	R265	L3
C190	P4	C387	P7	C651	K7	C929	A6	C1207	*H6	C1431	*G2	C1623	*F5	C1803	*B6			D1704	*D3	IC702	*L5	IC1712	*D6	L314	N4	Q110	*M1	Q526	*J2	Q1412	*F1	R174	*M2	R266	L3
C191	N4	C388	N6	C652	*L7	C930	A7	C1208	*H6	C1432	*G2	C1624	*F5	C1804	B4	CL1	P4	D1705	D7	IC703	K5	IC1713	D3	L315	*N6	Q111	*P3	Q527	M2	Q1501	*F4	R175	*M2	R267	*L3
C192	P4	C389	*N6	C653	L6	C931	A5	C1209	*H6	C1433	*G2	C1625	*F6	C1805	B4	CL2	P4	D1800	*B3	IC704	*K6	IC1714	D6	L316	*N6	Q112	*N3	Q651	*L6	Q1502	*F5	R176	*N2	R268	L3
C193	N4	C400	*L3	C654	K6	C932	A5	C1210	*H5	C1434	*G3	C1626	*F5	C1806	*B4	CL102	P3	D1801	*C6	IC705	*J5	IC1715	E7	L317	M6	Q113	M2	Q652	*L6	Q1601	*G5	R177	*P2	R269	*N4
C194	*P4	C450	*L3	C655	L6	C933	G1	C1211	*H5	C1435	F3	C1627	*E6	C1807	*B4	CL104	P3	D1802	*C7	IC706	J6	IC1716	C4	L318	M6	Q114	*M2	Q653	*L6	Q1602	*G5	R178	*N2	R270	*P4

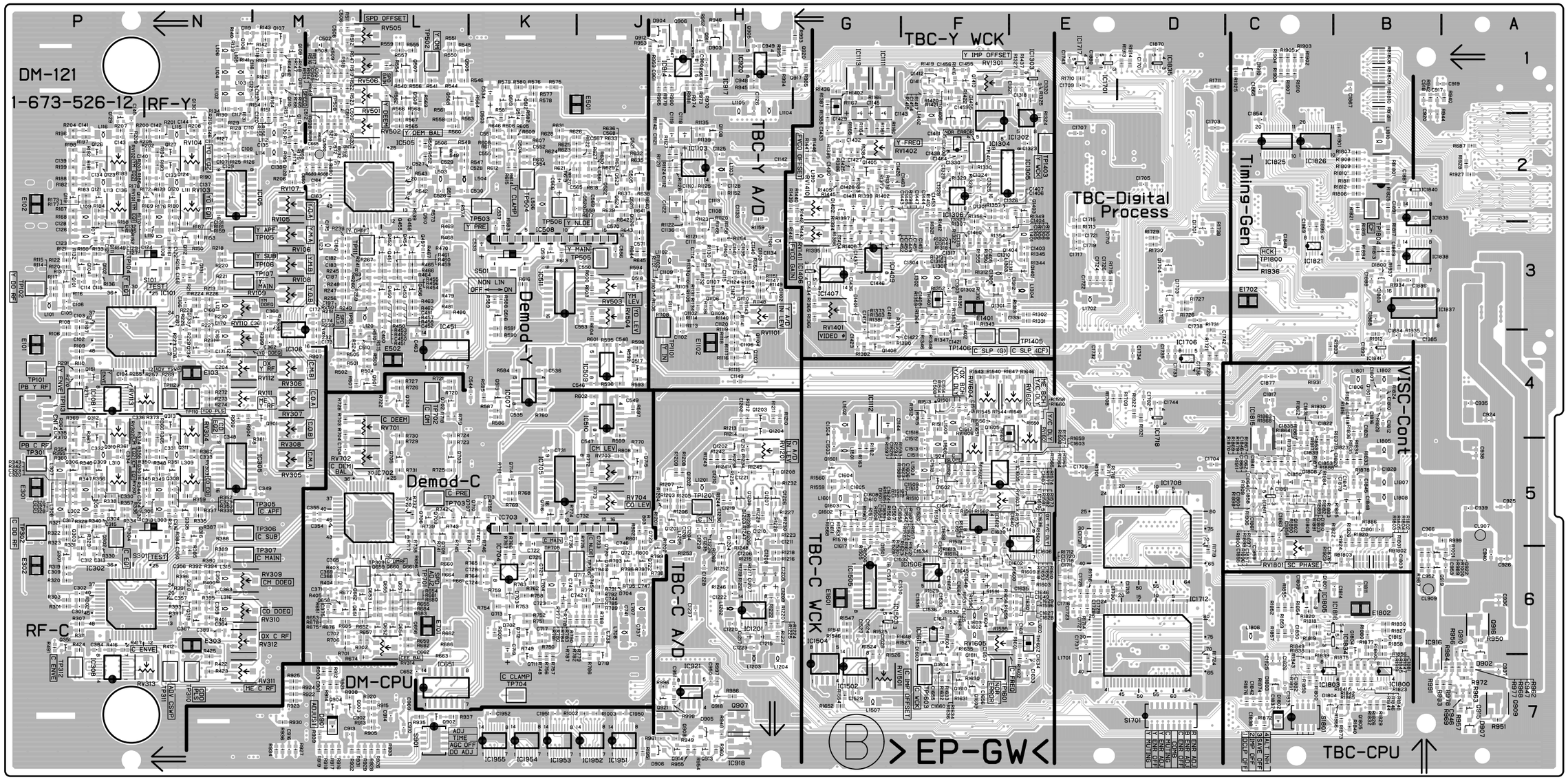
R271	*P4	R396	*N6	R530	L2	R622	*J2	R714	L5	R806	L5	R990	H7	R1213	*H4	R1351	*F3	R1443	*G3	R1587	F5	R1719	*D6
R272	*N4	R397	*N6	R531	L2	R623	*J2	R715	L5	R807	L1	R991	*B7	R1214	*H4	R1352	*F3	R1444	G3	R1588	F5	R1720	*D4
R273	*N4	R398	*M3	R532	L2	R624	*K2	R716	L5	R808	*J5	R993	*G1	R1215	*H6	R1353	*F3	R1445	*G2	R1589	*F5	R1721	*D4
R274	*N4	R399	*M4	R533	M3	R625	*J2	R717	*L5	R901	N5	R994	*H1	R1216	*H6	R1354	*F3	R1446	*G2	R1590	*F6	R1722	C4
R275	M3	R400	*N6	R534	L2	R626	*J2	R718	*L4	R902	M5	R995	*H1	R1217	*H6	R1355	*F3	R1447	*G2	R1591	*F6	R1724	*D7
R276	M3	R401	*N6	R535	L2	R627	*J2	R719	*L4	R903	*M7	R996	*J7	R1218	*H6	R1356	*F2	R1500	F4	R1592	*F5	R1725	D7
R291	*P4	R402	M6	R536	L2	R628	*K2	R720	*L4	R904	*N4	R997	*H7	R1219	*H6	R1357	*F2	R1501	G6	R1593	*F5	R1726	*D3
R300	L6	R403	*M6	R537	L2	R629	*J2	R721	*L4	R905	*L7	R998	*J7	R1220	*H6	R1358	E2	R1502	E7	R1594	*F5	R1727	*D3
R301	*P6	R404	*M6	R538	L2	R630	*J2	R722	*L4	R906	*N4	R999	*A5	R1221	*H6	R1359	*F3	R1503	E7	R1595	*F5	R1728	D7
R302	*P6	R405	*M6	R539	*L2	R631	*K2	R723	*L5	R907	*M4	R1000	*B6	R1222	*H6	R1360	E2	R1504	F6	R1596	*E6	R1729	*D3
R303	*P6	R406	P6	R540	*L1	R632	*J2	R724	*L4	R908	M4	R1001	*A6	R1223	*H5	R1361	E2	R1505	*G5	R1597	*F5	R1730	*D3
R307	*P6	R407	P6	R541	*L1	R633	*J2	R725	*L5	R909	M5	R1002	*J7	R1224	*H6	R1362	E2	R1506	*G5	R1598	*F5	R1731	*D4
R311	*P6	R408	P6	R542	*L2	R634	*J2	R726	*L4	R910	M4	R1003	*J7	R1225	*H6	R1363	*G4	R1507	G5	R1599	*E6	R1732	D7
R313	N6	R409	P7	R543	*L2	R635	*J2	R727	*L4	R911	M5	R1101	*J3	R1226	*H5	R1364	*F3	R1508	*G5	R1600	*E6	R1733	D7
R314	P6	R410	P7	R544	*L1	R636	*J2	R728	*M4	R912	*M7	R1102	*J3	R1227	*H5	R1365	*G3	R1509	*G5	R1601	*E6	R1734	D7
R315	P6	R411	N6	R545	*L1	R637	*J2	R729	*L5	R913	*L7	R1103	H3	R1228	*H5	R1366	*G3	R1510	*F5	R1602	*E7	R1737	D7
R319	*P6	R412	*N6	R546	*L1	R638	*J2	R730	*L4	R914	*M7	R1104	H3	R1229	*H5	R1367	F3	R1511	*F4	R1603	*E6	R1738	*D3
R320	*P6	R413	P6	R547	*L2	R639	*J2	R731	*L5	R915	*L7	R1105	*J3	R1230	*H5	R1368	F3	R1512	*F4	R1604	*F6	R1739	D6
R321	*P5	R414	P7	R548	*L2	R640	*J2	R732	*L5	R916	*M7	R1106	*J3	R1231	H6	R1369	F3	R1513	*F4	R1605	F5	R1740	D6
R322	*P5	R415	P6	R549	*L2	R641	*J2	R733	L5	R917	*M7	R1107	*J3	R1232	*H5	R1370	F3	R1514	*F4	R1606	F5	R1800	*C7
R323	*P5	R416	*P6	R550	*L1	R642	*J2	R734	L5	R918	*M7	R1108	*J3	R1233	H6	R1371	F3	R1515	*F4	R1607	*F5	R1801	*B5
R324	N6	R417	*P6	R551	*L1	R643	*J3	R735	L5	R919	*M7	R1109	*J3	R1234	*H5	R1372	F3	R1516	*F5	R1608	F5	R1802	*B5
R325	N6	R418	P7	R552	*L2	R644	*J3	R736	L5	R920	*L7	R1110	H4	R1235	*H5	R1373	*G4	R1517	*F5	R1609	*E6	R1803	*B5
R326	N6	R419	N7	R553	*L2	R645	*J3	R737	L5	R921	*M7	R1111	*J3	R1237	*H6	R1374	G3	R1518	*F5	R1610	*F6	R1804	*B5
R328	*P5	R420	P7	R554	*L1	R646	*K2	R738	*L5	R922	*M7	R1112	H4	R1238	*H5	R1375	*G3	R1519	*F6	R1611	*F6	R1805	*B5
R329	*P5	R421	N7	R555	*L1	R647	*M1	R739	*L5	R923	*M7	R1113	*J3	R1239	H6	R1376	*G2	R1520	*F5	R1612	*F6	R1806	*B2
R330	*P6	R422	*N7	R556	*L1	R648	L2	R740	*K5	R924	*M7	R1114	*J3	R1240	H6	R1377	*G2	R1521	F6	R1613	*F6	R1807	*B2
R331	*P6	R423	*N7	R557	*L1	R649	*M1	R741	*L5	R925	*M7	R1115	*H4	R1241	*H5	R1378	G4	R1522	G6	R1614	*F6	R1808	*B2
R332	N6	R424	*P6	R558	*L2	R650	*M2	R742	*L5	R926	*L7	R1116	*H4	R1242	*H5	R1379	G4	R1523	G6	R1615	E5	R1809	*B2
R333	P6	R425	*N7	R559	*L1	R651	*M6	R743	*L5	R927	*M7	R1117	*H4	R1243	*H5	R1380	*G4	R1524	*G6	R1616	*F5	R1810	*B2
R334	*P5	R450	*L3	R560	*L2	R652	*L6	R744	*L5	R928	*L7	R1118	*H4	R1244	*H5	R1381	*G3	R1525	*G6	R1617	F5	R1811	*B2
R335	*N5	R451	*L3	R561	*L1	R653	*L6	R745	*L5	R929	*L7	R1119	*H3	R1245	*H5	R1382	*G4	R1526	*G6	R1618	*F6	R1812	*B2
R336	*P5	R452	*L3	R562	*L1	R654	*L6	R746	*K5	R930	*M7	R1120	*H3	R1246	*H6	R1383	*G2	R1527	*G6	R1619	E5	R1813	*B3
R337	*N5	R453	*L3	R563	*L1	R655	*L6	R747	K7	R931	*M7	R1121	*H3	R1247	*H5	R1384	*G2	R1528	*F6	R1620	E5	R1814	*B4
R338	*P5	R454	*L3	R564	*K1	R656	*L6	R748	*K7	R932	*M7	R1122	*H3	R1248	*H5	R1385	*G2	R1529	*F6	R1621	E5	R1815	*B3
R339	*N5	R455	*L3	R565	*L2	R657	*L6	R749	*K6	R933	*L7	R1123	*H3	R1249	H5	R1386	*G2	R1530	*F6	R1622	F5	R1816	*B4
R340	*P5	R456	*L3	R566	*L1	R658	L6	R750	*K6	R934	*M7	R1124	*J2	R1250	H5	R1387	*G1	R1531	*F6	R1623	*F6	R1817	*B3
R341	*N5	R457	*L3	R567	*L2	R659	*L6	R751	*K6	R935	*L7	R1125	*H2	R1251	H5	R1388	*G2	R1532	*F6	R1624	E5	R1818	*C6
R342	*P5	R458	*L3	R568	*L1	R660	*L6	R752	*K6	R936	*M7	R1126	*J2	R1252	*H6	R1389	F1	R1533	G5	R1625	E5	R1819	*C6
R343	*P5	R459	*L3	R569	*L1	R661	*L6	R753	*K6	R937	*L7	R1127	*J2	R1253	*H6	R1390	F3	R1534	E4	R1626	F5	R1820	*C6
R344	*N5	R460	*L3	R570	L2	R662	*L6	R754	*K6	R938	*M7	R1128	*J2	R1268	*H6	R1391	F3	R1535	F4	R1627	E5	R1821	*B2
R345	*N5	R461	*L3	R571	L2	R663	*L6	R755	*K5	R939	*M7	R1129	*H3	R1300	F4	R1392	F3	R1536	E5	R1628	F5	R1822	*C5
R346	*P5	R462	*L3	R572	L2	R664	*L6	R756	*K7	R940	*A1	R1130	*H3	R1301	F1	R1393	F3	R1537	F5	R1629	E5	R1823	*B7
R347	*P5	R463	*L3	R573	*L2	R665	L6	R757	*K7	R941	A1	R1131	*H3	R1302	*E3	R1394	*G3	R1538	F4	R1630	*F7	R1824	*B4
R348	*N5	R464	*L3	R574	*L2	R666	L6	R758	*K6	R942	*B1	R1132	*H3	R1303	F2	R1395	*G3	R1539	F4	R1631	*F7	R1825	*B2
R349	*N5	R465	*L3	R575	*K1	R667	L6	R759	*K6	R943	A1	R1133	*H3	R1304	F2	R1396	*G3	R1540	*F4	R1632	*F7	R1826	*B7
R350	*N5	R466	*L3	R576	*K1	R668	L6	R760	*K4	R944	*B2	R1134	*H3	R1305	G2	R1397	*G3	R1541	*G6	R1633	*F7	R1827	*B6
R351	*N5	R467	*L3	R577	*K1	R669	L6	R761	*K5	R945	*H1	R1135	*H2	R1306	*F3	R1398	*G2	R1542	F4	R1634	*F7	R1828	*B4
R352	*N5	R468	*L3	R578	*K1	R670	L6	R762	*K6	R946	*H1	R1136	*H3	R1307	*F2	R1399	*G2	R1543	*F4	R1635	*F6	R1829	*B7
R353	*N5	R469	*L2	R579	*K1	R671	L7	R763	*K6	R947	*J1	R1137	H2	R1308	*E3	R1400	G3	R1544	*F4	R1636	*F7	R1830	*B6
R354	*P5	R470	*L3	R580	*K1	R672	L7	R764	*K6	R948	*H7	R1138	H2	R1309	E3	R1401	G3	R1545	*F4	R1637	F6	R1831	C7
R355	*P5	R471	L2	R581	*K2	R673	L6	R765	*K6	R949	*J7	R1139	*H2	R1310	E3	R1402	*G2	R1546	*G6	R1638	F6	R1832	*B7
R356	*P5	R472	L2	R582	*K2	R674	*L7	R766	*K6	R950	*A6	R1140	*H3	R1311	F3	R1403	G3	R1547	*G6	R1639	F6	R1833	*B5
R357	*P5	R473	L3	R583	*K3	R675	*L6	R767	*K6	R951	*A7	R1141	*H3	R1312	*F3	R1404	*G3	R1548	F4	R1640	F7	R1834	*B5
R358	*N5	R474	L3	R584	*K4	R676	*M6	R768	*K5	R952	*H1	R1142	*J2	R1313	*E3	R1405	*G2	R1549	*E4	R1641	F7	R1835	*B5
R359	*N5	R475	L3	R585	*K4	R677	*M6	R769	*K5	R953	*J1	R1143	*H3	R1314	F3	R1406	*G3	R1550	*E4	R1642	F5	R1836	*B4
R360	*P5	R476	L3	R586	*K4	R678	*L6	R770	*J5	R954	*H7	R1145	J2	R1315	F3	R1407	G2	R1551	E4	R1643	F7	R1837	*C5
R361	*P5	R477	L3	R587	*K4	R679	L6	R771	*J5	R955	*H7	R1146	J2	R1316	*F3	R1408	G3	R1552	E4	R1644	F6	R1838	*C6
R362	*N5	R478	L3	R588	*K3	R680	*L6	R772	*J5	R956	*A6	R1147	*H3	R1317	F3	R1409	G2	R1553	F4	R1645	F7	R1839	*C6
R363	*P4	R479	*L3	R589	*K3	R681	*L6	R773	*J5	R957	*A7	R1148	*H3	R1318	*F3	R1410	*F2	R1554	*G7	R1646	*E4	R1840	*B7
R364	*P4	R480	*L3	R590	*K4	R682	*L6	R774	*K5	R958	*H1	R1149	*H3	R1319	*F3	R1411	G2	R1555	F5	R1647	*F4	R1841	*B7
R365	*N4	R481	*L3	R591	*K3	R683	*L6	R775	*J5	R959	*J1	R1150	*H3	R1320	*F3	R1412	*F2	R1556	*F4	R1648	*G6	R1842	*B7
R366	*N4	R491	*P6	R592	*J4	R684	*L6	R776	*J6	R960	*H7	R1151	*H3	R1321	*F3	R1413	G2	R1557	*F5	R1649	F5	R1843	*C7
R367	P5	R501	*M4	R593	*J4	R685	*M6	R777	*K6	R961	*J7	R1152	*H2	R1322	*F3	R1414	G2	R1558	*E4	R1650	E5	R1844	*B7
R368	P5	R502	*M4	R594	*J3	R686	*L6	R778	*K6	R962	*A7	R1153	*H3	R1323	G2	R1415	G2	R1559	*G5	R1651	*F4	R1845	*B7
R369	*P4	R503	*L4	R595	*J4	R687	*A2	R779	*J6	R963	*A7	R1154	*H3	R1324	*E2	R1416	*F1	R1560	*G5	R1652	*G7	R1846	*B7
R370	*P5	R504	*L4	R596	*J4	R688	*M2	R780	*J6	R964	*H1	R1155	J3	R1325	*E1	R1417	*F1	R1561	*F5	R1653	F5	R1847	*B7
R371	N5	R505	*M4	R597	*J4	R689	*M2	R781	*K6	R965	*J1	R1156	J3	R1326	E1	R1418	*F1	R1562	*F5	R1654	F7	R1848	*B7
R372	N5	R506	M4	R598	*J4	R690	*M2	R782	*J6	R966	H7	R1157	H3	R1327	*E1	R1419	*F1	R1563	*G5	R1655	*F6	R1849	*C6
R373	*N4	R507	*M4	R599	*J4	R691	*M2	R783	*J6	R967	J7	R1158	*H3	R1328	*F2	R1420	*F1	R1564	*E5	R1656	*F6	R1850	*C7
R374	*N5	R508	*M1	R600	*J3	R692	*M2	R784	*J6	R968	*A7	R1159	*H2	R1329	*F2	R1421	*F1	R1565	*E5	R1657	E6	R1851	*C7
R375	P4	R509	*M1	R601	*J4	R693	M2	R785	*J6	R969	*A7	R1160	*G2	R1330	*F2	R1422	*F1	R1566	*E5	R1658	E6	R1852	*C6
R376	N4	R510	*L4	R602	*J4	R694	M2	R786	*J7	R970	*H1	R1161	*G2	R1331	*E3	R1423	F2	R1567	*G5	R1659	*F5	R1853	*C5
R377	P4	R511	*M1	R603	*J3	R695	M2	R787	*J6	R971	H7	R1162	*G5	R1332	E3	R1424	F2	R1568	*G5	R1660	*E4	R1854	*C6
R378	N4	R512	*M1	R604	*J3	R696	M2	R788	*J6	R972	*A7	R1163	*G5	R1333	F4	R1425	F2	R1569	*E5	R1701	*E5	R1855	*C6
R379	P4	R513	*M1	R605	*K2	R697	M2	R789	*J6	R973	*H1	R1164	*G2	R1334	F3	R1426	F2	R1570	*E5	R1702	C2	R1856	*B6
R380	N4	R514	*M1	R606	*K2	R698	*M2	R790	*J6	R974	*H1	R1165	*G2	R1335	F2	R1427	F2	R1571	*G5	R1703	C5	R1857	*C6
R381	*M4	R515	*L4	R607	*K2	R699	*M2	R791	*J6	R975	H7	R1166	*G1	R1336	G2	R1428	G1	R1572	G5	R1704	C2	R1858	*B6
R382	N5	R516	*M1	R608	*K2	R700	L1	R792	*J6	R976	H7	R1167	*G1	R1337	F3	R1429	F3	R1573	*E5	R1705	C5	R1859	*C6
R383	N5	R517	*M1	R609	*K2	R701	*M6	R793	*J6	R977	*A7	R1168	*H3	R1338	F4	R1430	F1	R1574	*E5	R1706	C2	R1860	*B6
R384	*N5	R518	*M1	R610	*K2	R702	*L6	R794	*J6	R978	*A7	R1201	*J5	R1339	F4	R1431	F2	R1575	G6	R1707	C5	R1861	*C4
R385	*N6	R519	*M1	R611	*K2	R703	*M4	R795	*J6	R979	*J1	R1202	*J5	R1340	F4	R1432	F2	R1576	G6	R1708	*E4	R1862	*C4
R386	N5	R520	*M2	R612	*K2	R704	*M4	R796	*J6	R980	*J1	R1203	*J5	R1341	F4	R1433	F2	R1577	*E5	R1709	*D4	R1863	*C5
R387	*N5	R521	*M2	R613	*K3	R705	L6	R797	*J6	R981	J7	R1204	*J5	R1342	F4	R1434	F2	R1578	*G5	R1710	*E1	R1864	*C4
R388	*N5	R522	*M1	R614	*K2	R706	*M6	R798	*J6	R982	J7	R1205	*J5	R1343	*F3	R1435	F2	R1579	G5	R1711	*D1	R1865	*B7
R389	*N6	R523	*M1	R615	*K2	R707	L5	R799	*J6	R983	*A7	R1206	*J5	R1344	*E3	R1436	*G1	R1580	G5	R1712	*E6	R1866	*B7
R390	*N6	R524	*M4	R616	*K3	R708	M5	R800	*J6	R984	*A7	R1207	*J5	R1345	*E3	R1437	*E1	R1581	*E5	R1713	*E3	R1867	*C5
R391	*N6	R525	L2	R617	*J2	R709	L5	R801	*J5	R985	*G1	R1208	*J5	R1346	*F3	R1438	G3	R1582	*E5	R1714	*E6	R1868	*C5
R392	*N6	R526	M3	R618	*J2	R710	M5	R802	*J5	R986	*H7	R1209	*J5	R1347	*F4	R1439	*H2	R1583	F5	R1715	*E3	R1869	*C5
R393	*N6	R527	L2	R619	*J2	R711	M5	R803	*J5	R987	*B6	R1210	*H4	R1348	*F3	R1440	*G2	R1584	F5	R1716	*E6	R1870	*C5
R394	*N6	R528	L2	R620	*J2	R712	M5	R804	L5	R988	*H1	R1211	*H4	R1349	*E2	R1441	*H2	R1585	F5	R1717	*E5	R1871	*C5
R395	*N6	R529	M3	R621	*K2	R713	L5	R805	*K6	R989	*B6	R1212	*H4	R1350	*F3	R1442	*G2	R1586	F5	R1718	*E5	R1872	*C7

R1519	*F6	R1611	*F6	R1805	*B5	R1897	*C5	RV703	*J5	TP1803	B3												
R1520	*F5	R1612	*F6	R1806	*B2	R1898	*C5	RV704	*J5	TP1804	*B2												
R1521	F6	R1613	*F6	R1807	*B2	R1899	*C5	RV1101	*H3	TP1805	B2												
R1522	G6	R1614	*F6	R1808	*B2	R1900	*C5	RV1201	*H5	TP1806	B7												
R1523	G6	R1615	E5	R1809	*B2	R1901	*B2	RV1301	*F1	TP1807	B7												
R1524	*G6	R1616	*F5	R1810	*B2	R1902	*C1	RV1401	*G3	TP1808	B7												
R1525	*G6	R1617	F5	R1811	*B2	R1903	*C1	RV1402	*G2	TP1809	B7												
R1526	*G6	R1618	*F6	R1812	*B2	R1904	*C1	RV1410	*G2	TP1810	B3												
R1527	*G6	R1619	E5	R1813	*B3	R1905	*C1	RV1411	*G3														
R1528	*F6	R1620	E5	R1814	*B4	R1906	*C5	RV1501	*G7	X451	L3												
R1529	*F6	R1621	E5	R1815	*B3	R1907	*C1	RV1601	*E4	X452	L3												
R1530	*F6	R1622	F5	R1816	*B4	R1908	*C1	RV1602	*E4	X453	L3												
R1531	*F6	R1623	*F6	R1817	*B3	R1909	*C5	RV1603	*F5	X454	L4												
R1532	*F6	R1624	E5	R1818	*C6	R1910	*C1	RV1604	*F4	X651	L6												
R1533	G5	R1625	E5	R1819	*C6	R1911	*C5	RV1605	*F6	X652	L6												
R1534	E4	R1626	F5	R1820	*C6	R1912	*B4	RV1606	*F5	X653	L6												
R1535	F4	R1627	E5	R1821	*B2	R1913	*D1	RV1801	*C6	X654	L7												
R1536	E5	R1628	F5	R1822	*C5	R1914	*D1			X901	L7												
R1537	F5	R1629	E5	R1823	*B7	R1915	B2	S101	*N3	X1801	B6												
R1538	F4	R1630	*F7	R1824	*B4	R1916	B2	S301	*N5														
R1539	F4	R1631	*F7	R1825	*B2	R1917	*C5	S501	*K3	*:B SIDE													
R1540	*F4	R1632	*F7	R1826	*B7	R1918	*C5	S901	*L7														
R1541	*G6	R1633	*F7	R1827	*B6	R1919	*B7	S1701	*D7														
R1542	F4	R1634	*F7	R1828	*B4	R1920	*B5	S1801	*C7														
R1543	*F4	R1635	*F6	R1829	*B7	R1921	*D4																
R1544	*F4	R1636	*F7	R1830	*B6	R1922	*D4	TH1401	*F3														
R1545	*F4	R1637	F6	R1831	C7	R1923	*B6	TH1402	*G1														
R1546	*G6	R1638	F6	R1832	*B7	R1924	*B5	TH1601	*E4														
R1547	*G6	R1639	F6	R1833	*B5	R1925	*C1	TH1602	*E6														
R1548	F4	R1640	F7	R1834	*B5	R1926	*B5																
R1549	*E4	R1641	F7	R1835	*B5	R1927	*A2	TP101	*P4														
R1550	*E4	R1642	F5	R1836	*B4	R1928	*A2	TP102	*P3														
R1551	E4	R1643	F7	R1837	*C5	R1929	B4	TP103	P3														
R1552	E4	R1644	F6	R1838	*C6	R1930	*C4	TP104	*P3														
R1553	F4	R1645	F7	R1839	*C6	R1931	*C4	TP105	*N3														
R1554	*G7	R1646	*E4	R1840	*B7	R1932	C4	TP106	*N3														
R1555	F5	R1647	*F4	R1841	*B7	R1933	*C4	TP107	*N3														
R1556	*F4	R1648	*G6	R1842	*B7	R1934	*B3	TP108	N4														
R1557	*F5	R1649	F5	R1843	*C7	R1935	*B4	TP109	M2														
R1558	*E4	R1650	E5	R1844	*B7	R1936	*C3	TP110	*N4														
R1559	*G5	R1651	*F4	R1845	*B7	R1937	*B3	TP111	*L3														
R1560	*G5	R1652	*G7	R1846	*B7	R1951	*J7	TP112	*N4														
R1561	*F5	R1653	F5	R1847	*B7	R1952	J7	TP113	*P4														
R1562	*F5	R1654	F7	R1848	*B7	R1953	K7	TP301	*P5														
R1563	*G5	R1655	*F6	R1849	*C6	R1954	K7	TP302	*P5														
R1564	*E5	R1656	*F6	R1850	*C7	R1955	K7	TP303	P6														
R1565	*E5	R1657	E6	R1851	*C7	R1956	K7	TP304	*P5														
R1566	*E5	R1658	E6	R1852	*C6	R1957	M7	TP305	*N5														
R1567	*G5	R1659	*F5	R1853	*C5			TP306	*N5														
R1568	*G5	R1660	*E4	R1854	*C6	RB1801	*B2	TP307	*N6														
R1569	*E5	R1701	*E5	R1855	*C6	RB1802	*B6	TP308	M5														
R1570	*E5	R1702	C2	R1856	*B6	RB1803	*B6	TP309	*L6														
R1571	*G5	R1703	C5	R1857	*C6	RB1808	*B1	TP310	*N7														
R1572	G5	R1704	C2	R1858	*B6	RB1809	*B1	TP311	*N7														
R1573	*E5	R1705	C5	R1859	*C6	RB1810	*B1	TP312	*P7														
R1574	*E5	R1706	C2	R1860	*B6	RB1811	*B2	TP501	*M4														
R1575	G6	R1707	C5	R1861	*C4			TP502	*L1														
R1576	G6	R1708	*E4	R1862	*C4	RV101	*P2	TP503	*K2														
R1577	*E5	R1709	*D4	R1863	*C5	RV102	*P2	TP504	*K2														
R1578	*G5	R1710	*E1	R1864	*C4	RV103	*N2	TP505	*J3														
R1579	G5	R1711	*D1	R1865	*B7	RV104	*N2	TP506	*K2														
R1580	G5	R1712	*E6	R1866	*B7	RV105	*M3	TP508	*M1														
R1581	*E5	R1713	*E3	R1867	*C5	RV106	*M3	TP701	*L6														
R1582	*E5	R1714	*E6	R1868	*C5	RV107	*M2	TP702	*L4														
R1583	F5	R1715	*E3	R1869	*C5	RV108	*M3	TP703	*L5														
R1584	F5	R1716	*E6	R1870	*C5	RV109	*N3	TP704	*K7														
R1585	F5	R1717	*E5	R1871	*C5	RV110	*N4	TP705	*K6														
R1586	F5	R1718	*E5	R1872	*C7	RV111	*N4	TP706	*J6														



Components locations list; previous page

DM-121 -A SIDE-
SUFFIX: -12

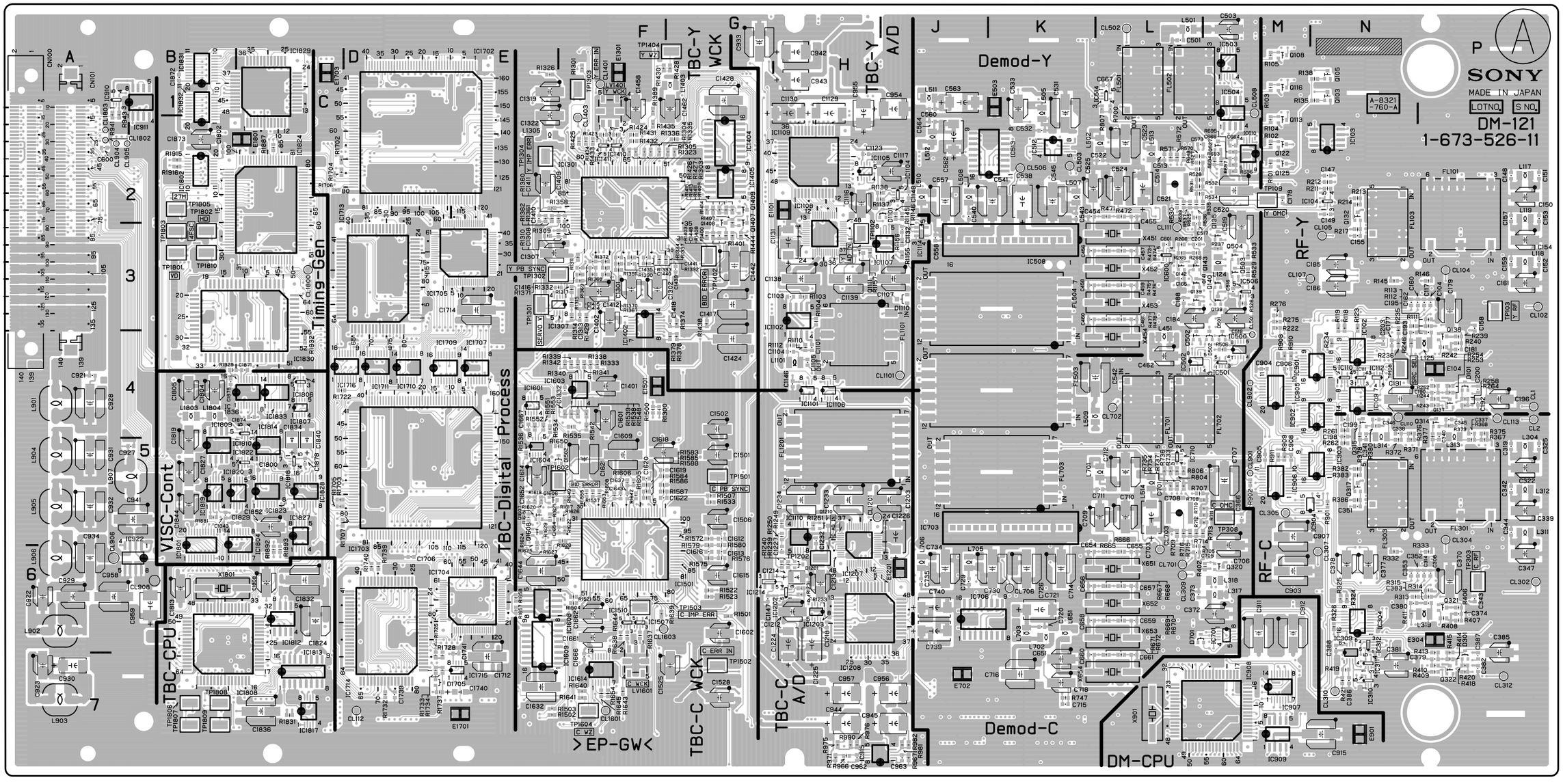


DM-121 -B SIDE-
SUFFIX: -12

DM-121(1-673-526-11)

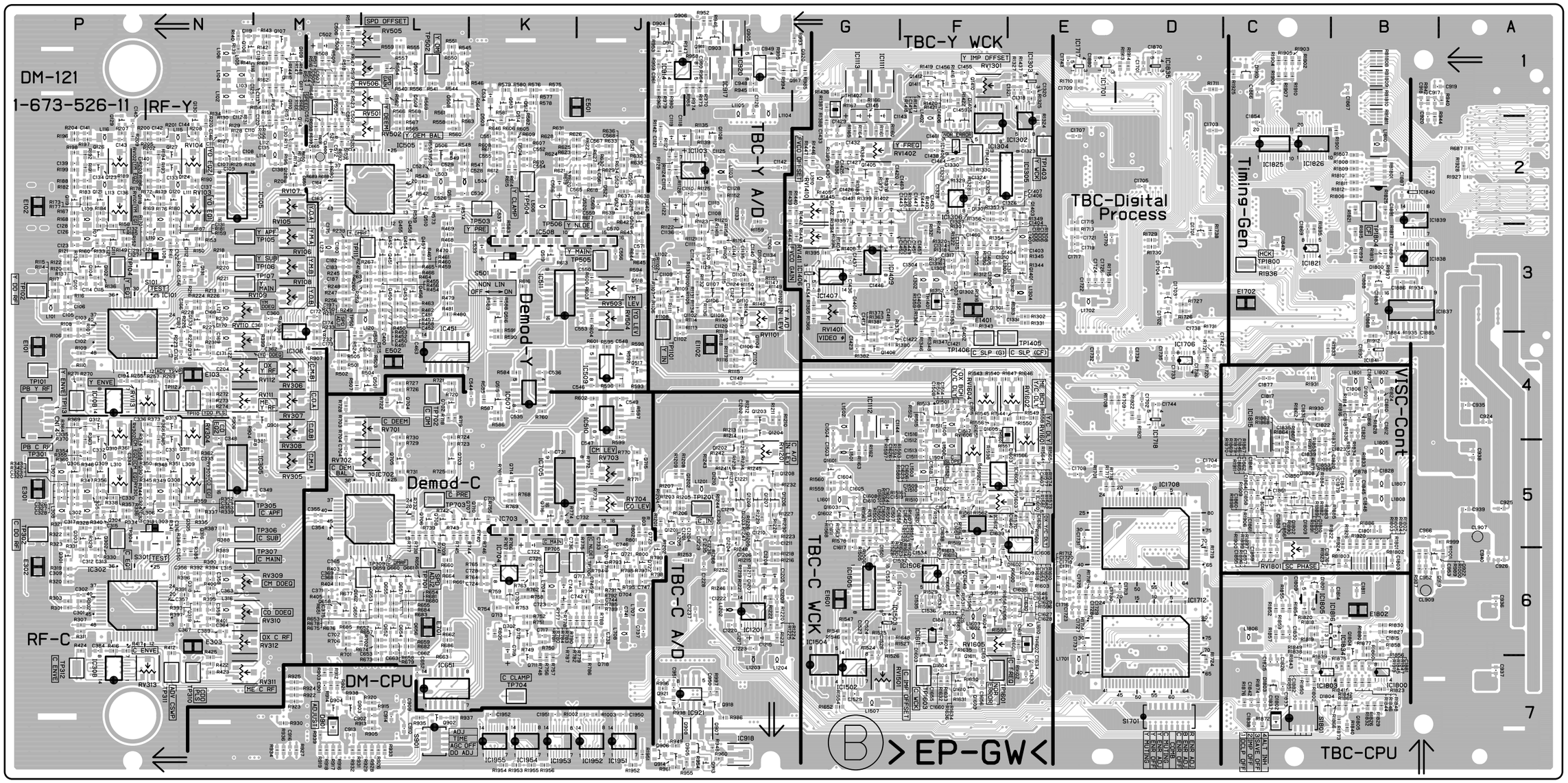
C102	*P4	C195	P4	C451	*L3	C656	K6	C934	A6	C1216	*H5	C1440	F3	C1632	E7	C1812	*B4	CL112	D7	E101	*P4	IC907	M7	IC1807	C4	L508	J2	Q124	*N2	Q704	*L4	R101	M2	R194	*N2
C103	*P3	C196	P4	C452	*L3	C657	L6	C935	*A4	C1217	*H6	C1441	F3	C1633	*E7	C1813	B6	CL113	P4	E102	*P2	IC908	M7	IC1808	B6	L509	K4	Q125	M2	Q705	*L5	R102	M2	R195	*M2
C104	P3	C197	*L3	C454	K2	C658	K6	C936	*A6	C1218	H6	C1442	G3	C1634	*E7	C1814	*B6	CL302	P6	E103	*N4	IC909	M7	IC1809	B5	L510	J2	Q126	*P2	Q706	*L5	R103	M1	R196	*P2
C105	*P3	C198	N4	C455	L2	C659	L6	C937	*A7	C1219	*H5	C1443	*G2	C1635	*E6	C1815	*B6	CL304	P5	E104	P4	IC910	A1	IC1810	C4	L511	J1	Q127	*N2	Q707	*L5	R104	M2	R197	*P2
C106	*P3	C199	N4	C456	K3	C660	K7	C938	*A5	C1220	*H6	C1444	*G2	C1636	*E5	C1816	*B4	CL305	M5	E301	*P5	IC911	B2	IC1811	*C5	L512	J2	Q128	*M2	Q708	*L5	R105	M1	R198	*P2
C107	*N2	C200	P4	C457	L3	C661	L7	C939	*A5	C1221	*H5	C1445	*G2	C1637	F5	C1817	*C4	CL307	N6	E302	*P6	IC914	*J1	IC1812	C6	L513	L2	Q129	*P2	Q709	*L5	R106	*P4	R199	*P2
C108	*N2	C201	L3	C458	K3	C662	*L6	C940	*A6	C1222	*H6	C1446	*G3	C1638	*F5	C1818	*B4	CL309	L6	E303	*N6	IC915	J7	IC1813	C7	L514	L5	Q130	*N2	Q710	*K5	R107	*P3	R200	*N2
C109	*N2	C203	N4	C459	L3	C663	*L6	C941	B5	C1223	*H6	C1447	*G2	C1639	*F5	C1819	B5	CL310	N7	E304	P6	IC917	*H1	IC1814	C5	L651	K6	Q131	*N3	Q711	*K7	R108	*P3	R201	*N2
C110	*N2	C204	*N4	C460	K3	C664	M2	C942	H1	C1224	H6	C1448	G3	C1640	*F5	C1820	*B5	CL312	P7	E501	*J1	IC918	*H7	IC1815	*C5	L701	L5	Q132	N2	Q712	*K6	R109	*P4	R202	*N2
C111	*N2	C301	*P6	C461	L3	C665	*M2	C943	H1	C1225	H6	C1449	*G3	C1641	*F6	C1821	*B4	CL500	*M2	E502	*L4	IC920	*H1	IC1816	*C6	L702	K6	Q133	*N3	Q713	*K6	R110	*P4	R203	*N2
C112	*N1	C302	*P6	C462	L4	C666	M2	C944	H7	C1226	J5	C1450	*G3	C1642	*F5	C1822	*C4	CL501	M4	E503	K1	IC921	*H7	IC1817	C7	L703	K6	Q134	*N4	Q714	*K5	R111	N3	R204	*P2
C113	*N1	C308	P6	C463	*L4	C667	L1	C945	J7	C1227	H6	C1451	*G3	C1643	F5	C1823	*C5	CL502	L1	E701	*L6	IC922	B6	IC1818	C5	L704	*K6	Q135	M3	Q715	*J5	R112	P3	R205	*N2
C114	*P3	C309	*P6	C501	L1	C701	L5	C948	*H1	C1228	*H6	C1452	*G3	C1644	E6	C1824	C6	CL503	K2	E702	J7	IC1101	H4	IC1819	B5	L705	J6	Q136	P4	Q716	*K5	R113	P3	R206	*M2
C115	*P3	C312	*P6	C502	*M1	C702	*M6	C949	*H1	C1229	*H5	C1453	*F2	C1645	*F6	C1825	*C7	CL506	K2	E901	N7	IC1102	H4	IC1820	B5	L706	J6	Q137	P4	Q717	*J6	R114	*P3	R207	*P2
C116	*N1	C313	*P6	C503	M1	C703	L5	C950	*H7	C1230	*H5	C1454	*F1	C1646	*F6	C1826	*C7	CL508	M1	E1101	H2	IC1103	*H2	IC1821	*C3	L707	*J6	Q138	M3	Q718	*J7	R115	*P3	R208	*N2
C117	P3	C314	P6	C505	*M1	C704	*M5	C951	*J7	C1232	H5	C1455	*F1	C1647	*F5	C1827	B5	CL701	L6	E1102	*H4	IC1104	J2	IC1822	C5	L708	*J6	Q139	L3	Q719	*J6	R116	*P3	R209	*P2
C118	*M1	C315	*P5	C506	*M1	C705	L6	C952	*B6	C1233	H5	C1456	*F1	C1648	*F6	C1828	*B5	CL702	L4	E1201	J6	IC1105	H2	IC1823	C5	L901	A4	Q140	M3	Q720	*J6	R117	*P3	R210	*N2
C119	*N1	C316	*N5	C507	*M1	C706	M5	C953	*A6	C1234	H5	C1457	*F3	C1649	*F6	C1829	B5	CL703	L6	E1301	F1	IC1106	H4	IC1824	C2	L902	A6	Q141	L3	Q721	*J6	R118	N3	R211	N2
C120	*M2	C317	*P5	C508	*M1	C707	M5	C954	J1	C1235	*H5	C1458	F1	C1650	*F5	C1830	*C6	CL706	K6	E1401	*F3	IC1107	H3	IC1825	*C2	L903	A7	Q142	L3	Q722	*J6	R119	N3	R212	N2
C121	*P3	C318	*N5	C509	*M2	C708	L5	C955	H1	C1236	*H5	C1459	*F1	C1651	*F5	C1831	*C4	CL901	M5	E1501	F4	IC1108	H3	IC1826	*C2	L904	A5	Q143	L3	Q723	*J6	R120	*P3	R213	N2
C122	*N3	C319	P5	C510	*L4	C709	L5	C956	J7	C1237	*H6	C1460	*F3	C1652	E5	C1832	C6	CL902	M4	E1601	*G6	IC1109	H2	IC1827	C6	L905	A5	Q301	*P6	Q901	*M4	R121	*P3	R214	N2
C123	*P3	C320	*P5	C511	*M1	C710	L5	C957	H7	C1301	F3	C1461	*F2	C1653	*F5	C1833	*C7	CL904	A2	E1701	E7	IC1110	H5	IC1828	C5	L906	A6	Q302	*P5	Q902	*L7	R122	*P3	R215	*N3
C124	*N3	C321	*N5	C512	*M2	C711	L5	C958	A6	C1302	F3	C1462	G1	C1654	E5	C1834	C5	CL905	A2	E1702	*C3	IC1111	*G1	IC1829	C1	L907	B5	Q303	*P5	Q903	*M7	R123	N3	R216	*N3
C125	*M1	C322	P5	C513	L2	C712	L5	C959	B6	C1303	*F3	C1463	*G2	C1655	*F7	C1835	*C5	CL906	A6	E1703	C1	IC1112	*G4	IC1830	C3	L1101	H4	Q304	*P5	Q904	*M7	R125	*N2	R217	N3
C126	*P3	C323	*P5	C514	L2	C713	*K5	C960	*H1	C1304	*F3	C1464	*F2	C1656	*F7	C1836	C7	CL907	*A5	E1801	C2	IC1113	*G1	IC1831	B1	L1102	*J3	Q305	*N5	Q905	*H1	R126	*N2	R218	*N3
C127	*N3	C324	*N5	C515	*M2	C714	K6	C961	*J1	C1305	*F3	C1501	G5	C1657	*F7	C1837	*C7	CL908	B6	E1802	*B6	IC1114	J3	IC1832	B2	L1103	*H2	Q306	*P5	Q906	*J1	R127	*N2	R219	*N3
C128	*P3	C325	P5	C516	M3	C715	K7	C962	H7	C1306	*F3	C1502	G4	C1658	*F5	C1838	*C7	CL909	*B6			IC1201	*H6	IC1833	C4	L1104	*H1	Q307	*N5	Q907	*H7	R128	*N2	R220	*N3
C129	*N3	C326	*P5	C517	L3	C716	K7	C963	J7	C1307	E3	C1503	*G5	C1659	*G5	C1839	*C5	CL1101	J4	FL101	P2	IC1202	H6	IC1834	*C6	L1105	*H1	Q308	*N5	Q908	*J7	R129	*N2	R221	*N3
C130	*M2	C327	*P5	C518	M3	C717	*K6	C966	*B5	C1308	F3	C1504	*G4	C1660	*F7	C1840	C5	CL1201	H5	FL103	N2	IC1203	H6	IC1835	*D1	L1106	*H3	Q309	*P5	Q911	*H1	R130	*N2	R222	M3
C131	*N2	C328	*P5	C519	M3	C718	K7	C1101	H4	C1309	*F3	C1505	*G5	C1661	F6	C1841	*C5	CL1401	F1	FL301	P5	IC1207	H5	IC1836	C4	L1201	*H5	Q310	*P4	Q912	*J1	R131	*N1	R223	*N4
C132	*P2	C329	*N5	C520	M2	C719	*K6	C1102	*J4	C1310	*F3	C1506	G5	C1662	F6	C1842	*C7	CL1403	F2	FL303	N5	IC1208	H6	IC1837	*N3	L1202	*H6	Q311	*N4	Q913	*H7	R132	*P3	R224	*N3
C133	*N2	C330	*P5	C521	L2	C720	K6	C1103	H3	C1311	*E3	C1507	*G5	C1663	*F6	C1843	B5	CL1601	F7	FL501	L1	IC1214	G6	IC1838	*B3	L1203	*H7	Q312	*P4	Q914	*J7	R133	*P3	R225	*N3
C134	*P2	C331	*N5	C522	L2	C721	K6	C1104	H4	C1312	*E3	C1508	*F4	C1664	*F6	C1844	B5	CL1603	F6	FL502	L1	IC1301	F2	IC1839	*B3	L1204	*H7	Q313	*N4	Q917	*G1	R134	*N1	R226	*N3
C135	*M2	C332	*P5	C523	L2	C722	*K5	C1105	H4	C1313	F3	C1509	*F5	C1665	*F6	C1845	*B5	CL1800	C3	FL503	K4	IC1302	*E1	IC1840	*B2	L1205	*J5	Q314	P4	Q918	*H7	R135	N1	R227	*N3
C136	*P2	C333	*N5	C524	L2	C723	*K6	C1106	*H4	C1314	*F3	C1510	*F5	C1666	F7	C1846	*C5	CL1802	A2	FL504	K3	IC1303	*E1	IC1841	*B4	L1301	*F3	Q315	N4	Q919	*B6	R136	*P3	R228	*N3
C137	*N2	C334	*P5	C525	K2	C724	*K6	C1107	J3	C1315	*F3	C1511	*F5	C1667	E4	C1847	*B5	CL1803	A2	FL701	L4	IC1304	*F1	IC1951	*J7	L1302	*F3	Q316	*N5	Q920	*G1	R137	*P3	R229	*N4
C138	*M2	C335	*P4	C526	*L2	C725	*K6	C1108	*H2	C1316	*F3	C1512	*F5	C1701	*D1	C1848	*B5			FL702	L4	IC1305	*E2	IC1952	*J7	L1303	*F3	Q317	N5	Q921	*J7	R138	N1	R230	*N3
C139	*P2	C336	*N4	C527	*L2	C726	K6	C1109	*J3	C1317	*F3	C1513	*F5	C1702	*D4	C1849	*C3	CN1	*P4	FL703	K5	IC1306	*F2	IC1953	*K7	L1304	*E3	Q318	*N6	Q922	*B6	R139	*N1	R231	*N4
C140	*N2	C337	P4	C528	*L2	C727	*K6	C1110	*H2	C1318	*E1	C1514	*F4	C1703	*D2	C1850	*C5	CN100	A2	FL1101	H4	IC1307	E3	IC1954	*K7	L1305	E2	Q319	*N6	Q1101	*J3	R140	*N1	R232	*M4
C141	*P2	C338	N4	C529	*L2	C728	*K6	C1111	*H3	C1319	E1	C1515	*F4	C1704	*D5	C1851	*C5	CN101	A2	FL1201	H5	IC1402	F3	IC1955	*K7	L1310	*G2	Q320	M6	Q1102	*J3	R141	*N1	R233	*M3
C142	*N2	C339	P5	C530	*L2	C729	J6	C1112	*J2	C1320	*E1	C1516	*F4	C1705	*D2	C1852	C5					IC1404	G2			L1401	*E3	Q321	P6	Q1103	*H4	R142	*M1	R234	N4
C143	*P2	C340	P4	C531	K1	C730	K6	C1113	*H2	C1321	*E1	C1517	*F4	C1706	D6	C1853	*C5	D100	P2	IC101	*P4	IC1405	G2	L101	*P3	L1402	*F2	Q322	P7	Q1104	*H4	R143	*M1	R235	N3
C144	*N2	C341	N4	C532	K2	C731	*K5	C1114	*H3	C1322	E1	C1518	*F5	C1707	*E2	C1854	*C2	D300	P7	IC102	N4	IC1406	*G3	L102	*N1	L1403	G1	Q450	*L3	Q1105	*H3	R144	*M1	R236	N4
C145	*P2	C342	P5	C533	K1	C732	*J5	C1115	*H3	C1323	*E2	C1519	*F5	C1708	*E5	C1855	*C6	D501	M4	IC103	N2	IC1407	*G3	L103	*N1	L1501	*G5	Q451	*L3	Q1106	*H3	R145	N3	R237	M3
C146	*N2	C343	P6	C534	*K1	C733	*J5	C1116	H2	C1324	*F2	C1520	*F5	C1709	*E1	C1856	*C5	D502	M4	IC104	N2	IC1408	*F2	L104	*N1	L1502	*G4	Q452	*L3	Q1107	*H3	R146	P3	R238	*M3
C147	N2	C344	P5	C535	*K4	C734	J6	C1117	J2	C1325	*F2	C1521	*F5	C1710	*E3	C1857	*C6	D503	*K2	IC105	*M2	IC1409	*G3	L105	*N1	L1503	*F5	Q453	*L3	Q1108	*H2	R147	*M1	R239	P4
C148	P2	C345	P4	C536	*K4	C735	J6	C1118	*H2	C1326	*F2	C1522	*F5	C1711	*E6	C1858	*C5	D504	*K2	IC106	*M3	IC1410	F2	L106	*N1	L1504	*F5	Q454	*L3	Q1109	*H3	R148	*M1	R240	P4
C149	N2	C346	N4	C537	*K3	C736	*K5	C1119	*J2	C1327	*F2	C1523	*F5	C1712	E7	C1859	*C6	D505	*J2	IC108	*P4	IC1411	F2	L107	*P3	L1505	*F4	Q455	*L3	Q1110	*H3	R149	*P3	R241	*M3
C150	P2	C347	P6	C538	K2	C737	*J6	C1120	*H3	C1328	*F2	C1524	*G6	C1713	*D6	C1860	*C5	D701	L6	IC109	N4	IC1501	F6	L108	*N3	L1506	*F5	Q456	*L3	Q1111	H3	R150	*N3	R242	P4
C151	P2	C348	*N4	C539	*K3	C738	*J6	C1121	*J2	C1329	*F2	C1525	G7	C1714	E3	C1861	*C5	D702	*K6	IC110	N4	IC1502	*G7	L109	*P2	L1507	*G7	Q457	*L3	Q1201	*J5	R151	*M1	R243	P4
C152	P3	C349	*M5	C540	J2	C739	J6	C1122	*J2	C1330	*F2	C1526	*G6	C1715	*E2	C1862	*C5	D703	*K6	IC111	N4	IC1503	*G6	L110	*N2	L1601	*G5	Q458	*L3	Q1202	*J5	R152	*P3	R244	P4
C153	P2	C350	*N6	C541	K2	C740	J6	C1123	H2	C1331	*F3	C1527	*G6	C1716	*E6	C1863	*C5	D704	*J6	IC112	N4	IC1504	*G7	L111	*N2	L1602	*F6	Q501	*L4	Q1203	*H4	R153	*N3	R245	*M3
C154	P3	C351	N5	C542	K4	C741	*J6	C1124	*H3	C1332	F4	C1528	G7	C1717	*E3	C1864	*C5	D901	*M7	IC302	*P6	IC1505	*G6	L112	*M2	L1603	*F6	Q502	L4	Q1204	*H4	R154	*M1	R246	N4
C155	N3	C352	N6	C543	K2	C742	*K6	C1125	*H2	C1401	F4	C1529	*G7	C1718	*E6	C1865	*C5	D903	*H1	IC304	N6	IC1506	*F6	L113	*P2	L1610	*E6	Q503	M3	Q1205	*H5	R155	*M2	R247	*M3
C156	*N3	C353	N6	C544	*K4	C743	*K6	C1126	*H1	C1402	F3	C1530	*G6	C1719	*E3	C1866	*C1	D904	*J1	IC305	*M5	IC1507	F6	L114	*M2	L1701	*E7	Q504	M3	Q1206	*H5	R156	*M2	R248	*M3
C157	P2	C354	*M5	C545	K2	C744	*J6	C1127	*H3	C1403	*E3	C1531	*G6	C1720	*E6	C1867	*B1	D905	*H7	IC308	*P7	IC1510	F6	L115	*N2	L1702	*E3	Q505	*L1	Q1207	*H5	R157	*M2	R249	*M3
C158	P3	C355	*M5	C546	*J4	C745	*J6	C1128	*H2	C1404	*E2	C1532	*G6	C1721	*E3	C1868	*B3	D906	*J7	IC309	N6	IC1601	E4	L116	*P2	L1801	*B4	Q506	*L2	Q1208	*H5	R158	*P3	R250	*L3
C159	P3	C356	*N6	C547	*J4	C746	*J6	C1129	H1	C1405	*F3	C1533	*F6	C1722	*E3	C1869	*C3	D1101	J2	IC310	N7	IC1603	F4	L117	P2	L1802	*B4	Q507	*L1	Q1209	*H5	R159	*N3	R251	*L3
C160	N3	C357	*N6	C548	*J4	C747	*J6	C1130	H1	C1406	*F2	C1534	*F5	C1723	*E6	C1870	*D1	D1102	*H3	IC311	N7	IC1604	E5	L118	P3	L1803	B4	Q508	*L1	Q1210	H5	R160	*P3	R252	P4
C161	P3	C358	*N6	C549	*J4	C901	*M7	C1131	H3	C1407	*F2	C1535	*F6	C1724	*E3	C1871	C4	D1103	*H3	IC312	N6	IC1605	*E5	L119	P2	L1804	B4	Q509	*L1	Q1301	*F3	R161	*N3	R253	P4
C162	N3	C359	*N6	C550	*J3	C902	*L7	C1132	J3	C1408	*F3	C1536	*F6	C1725	*E6	C1872	B1	D1104	*H3	IC451	*L4	IC1606	*E6	L120	*L3	L1805	*B5	Q510	*L2	Q1302	*F3	R162	*M1	R254	P4
C163	*M2	C360	*M3	C551	*K2	C903	M6	C1133	*H2	C1409	E2	C1601	F4	C1726	*E3	C1873	B2	D1110	J3	IC500	M4	IC1608	E6	L121	*N3	L1806	*C6	Q511	*L2	Q1401	*E3	R163	*M1	R255	*P4
C164	*M2	C361	*M3	C552	*K2	C904	M4	C1134	*H3	C1410	E2	C1602	G6	C1727	*E6	C1874	C4	D1201	H6	IC501	M4	IC1609	E7	L122	*N4	L1807	*B5	Q512	*K1	Q1402	*F3	R164	*M1	R256	*M3
C165	L3	C362	*M4	C553	*J3	C905	M5	C1135	*H3	C1411	F2	C1603	*F5	C1728	*E6	C1875	B4	D1202	*H5	IC502	L4	IC1610	*E5	L123	*M3	L1808	*B5	Q513	*K1	Q1403	*E2	R165	*M1	R257	*N4
C166	*N3	C363	*N6	C554	*K2	C906	M4	C1136	*J3	C1412	F3	C1604	*G5	C1729	*E6	C1876	*B6	D1203	*H5	IC503	M1	IC1611	*F6	L124	M3	L1810	*B2	Q514	*K2	Q1404	*E3	R166	*M1	R258	P4
C167	*N3	C364	*N6	C555	*K2	C907	M5	C1138	H3	C1413	*G3	C1605	*G5	C1730	*E6	C1877	*C4	D1204	*H5	IC504	M2	IC1612	*F5	L125	P4			Q515	*K4	Q1405	*G2	R167	*P2	R259	*L3
C168	*N3	C365	*M6	C556	*J3	C908	M5	C1139	H3	C1414	F3	C1606	*F5	C1731	*E5	C1878	C5	D1210	*H5	IC505	*L2	IC1614	F7	L302	*P5	LV1401	F1	Q516	*K3	Q1406	*G4	R168	*P2	R260	*L3
C169	*N4	C366	M5	C557	J2	C909	*L7	C1140	*H3	C1415	F3	C1607	*E5	C1732	*E4	C1879	*B5	D1301	*F2	IC506	M3	IC1701	*E1	L303	*N5	LV1601	F7	Q517	*J4	Q1407	G2	R169	*N2	R261	N4
C170	*N3	C367	*N6	C558	J3	C910	*L7	C1141	*H3	C1416	F3	C1608	*G5	C1733	*D4	C1880	*E1	D1401	*G3	IC507	*K4	IC1702	D2	L304	P5			Q518	*J3	Q1408	G2	R170	*N2	R262	N5
C171	*N4	C368	*M6	C559	*J2	C911	M6	C1142	*H2	C1417	G3	C1609	F5	C1734	*D4	C1881	*B7	D1402	*G2	IC508	K3	IC1703	D5	L305	*P5	Q101	*P3	Q519	*K3	Q1409	G2	R171	*M2	R263	*L3
C172	*M3	C369	*M6	C560	J1	C912	M6	C1143	*G1	C1418	G3	C1610	*G5	C1735	*D4	C1882	*C7	D1405	*F2	IC509	*J4	IC1704	E6	L306	*N5	Q102	*P3	Q520	*J2	Q1410	*F1	R172	*N2	R264	P4
C173	*M4	C370	P6	C561	*J2	C913	*M7	C1144	*G4	C1419	*G3	C1611	*G5	C1736	*D4	C1883	*B3	D1406	*F2	IC510	*J4	IC1705	E3	L307	*P5	Q103	N1	Q521	*J2	Q1411	*F1	R173	*P2	R265	L3
C174	*M3	C371	*M6	C562	J2	C914	*L7	C1145	*G1	C1420	*G2	C1612	G5	C1737	*E6	C1884	*B4	D1501	*G6	IC511	*J3	IC1706	*D4	L308	*P5	Q104	*P3	Q522	*J2	Q1412	*F1	R174	*M2	R266	L3
C175	*M3	C372	M6	C563	J1	C915	N7	C1146	H4	C1421	*F3	C1613	G6	C1738	*D3	C1885	*B4	D1502	E5	IC512	K2	IC1707	E4	L309	*N5	Q105	N1	Q523	*J2	Q1501	*F4	R175	*M2	R267	*L3
C176	*N4	C373	L6	C564	J2	C916	*M7	C1147	G6	C1422	*G4	C1614	E5	C1739	D7	C1886	*B3	D1601	*F5	IC513	K2	IC1708	*D5	L310	*P5	Q106	*N1	Q524	*J2	Q1502	*F5	R176	*N2	R268	L3
C177	N4	C374	P6	C565	*J2	C917	*B1	C1148	J2	C1423	*G4	C1615	G6	C1740	E7	C1887	*B2	D1602	*F6	IC514	L1	IC1709	D4	L311	P5	Q107	*M1	Q525	*J2	Q1601	*G5	R177	*P2	R269	*N4
C178	M2	C375	*M6	C566	*K2	C918	*B1	C1149	*H4	C1424	G4	C1616	G6	C1741	E7	C1888	*B3	D1603	*F6	IC600	L3	IC1710	D4	L312	P5	Q108	M1	Q526	*J2	Q1602	*G5	R178	*N2	R270	*P4
C179	P3	C377	N6	C567	*J2	C919	*B1	C1201	*J5	C1425	*G2	C1617	*G5	C1742	*C4	C1889	*B3	D1604	*F6	IC610	M2	IC1711	D4	L313	P4	Q109	*M1	Q527	M2	Q1603	*G5	R179	*N2	R271	*P4
C180	*M3	C378	N6	C568	*J2	C920	*B2	C1202	*H4	C1426	*G2	C1618	F5	C1743	*E1	C1890	*B4	D1701	*D3	IC651	*L7	IC1712	*D6	L314	N4	Q110	*M1	Q651	*L6	Q1604	*F6	R180	*N2	R272	*N4
C181	P4	C379	P7	C569	*J2	C921	A4	C1203	J5	C1427	*G2	C1619	F5	C1744	*D4	C1891	*B2	D1702	*D3	IC701	M6	IC1713	D3	L315	*N6	Q111	*P3	Q652	*L6	Q1605	*F4	R181	*N3	R273	*N4
C182	*M3	C380	N6	C570	*J2	C922	A6	C1204	*H5	C1428	G1	C1620	F5	C1800	C5	C1950	*J7	D1703	*D3	IC702	*L5	IC1714	D6	L316	*N6	Q112	*N3	Q653	*L6	Q1606	E5	R182	*P2	R274	*N4
C183	*M3	C381	N7	C571	*J3	C923	A7	C1205	*H6	C1429	*G2	C1621	F5	C1801	*B5	C1951	*K7	D1704	*D3	IC703	K5	IC1715	E7	L317	M6	Q113	M2	Q654	*L6	Q1607	E5	R183	*P2	R275	M3
C184	L3	C382	P7	C572	*M2	C924	*A4	C1206	*H6	C1430	*G2	C1622	F5	C1802	B2	C1952	*K7	D1705	D7	IC704	*K6	IC1716	C4	L318	M6	Q114	*M2	Q655	*L6	Q1608	E5	R184	*P2	R276	M3
C185	N3	C383	P6	C573	L2	C925	*A5	C1207	*H6	C1431	*G2	C1623	*F5	C1803	*B6			D1800	*B3	IC705	*J5	IC1717	*E1	L319	P6	Q115	*M1	Q656	*L6	Q1609	*F7	R185	*P3	R301	*P6
C186	N3	C384	*P6	C600	A2	C926	*A6	C1208	*H6	C1432	*G2	C1624	*F5	C1804	B4	CL1	P4	D1801	*C6	IC706	J6	IC1718	*D4	L451	L4	Q116	M1	Q657	*L6	Q1610	*F7	R186	*N2	R302	*P6
C187	*M3	C385	P6	C601	L3	C927	B5	C1209	*H6	C1433	*G2	C1625	*F6	C1805	B4	CL2	P4	D1802	*C7	IC710	L5	IC1800	*B7	L501	L1	Q117	*M1	Q658	*M6	Q1611	*F7	R187	*N3	R303	*P6
C188	L3	C386	N7	C650	*M2	C928	A4	C1210	*H5	C1434	*G3	C1626	*F5	C1806	*B4	CL102	P3	D1803	*C7	IC901	N4	IC1801	B6	L502	L2	Q118	*N2	Q659	*L6	Q1801	*B4	R188	*P2	R307	*P6
C190	P4	C387	P7	C651	K7	C929	A6	C1211	*H5	C1435	F3	C1627	*E6	C1807	*B4	CL104	P3	D1804	*C7	IC902	N4	IC1802	B2	L503	*L2	Q119	*P2	Q660	*L6	Q1802	*C5	R189	*P2	R311	*P6
C191	N4	C388	N6	C652	*L7	C930	A7	C1212	H6	C1436	*G3	C1628	*E6	C1808	C6	CL105	N3	D1808	*C5	IC903	N5	IC1803	*C7	L504	*L2	Q120	*N2	Q661	*L6	Q1803	*C5	R190	*N2	R313	N6
C192	P4	C389	*N6	C653	*L6	C931	A5	C1213	H6	C1437	*G3	C1629	*E6	C1809	*C6	CL107	M3	D1809	*C5	IC904	M5	IC1804	B6	L505	K1	Q121	*P2	Q662	*L6	Q1804	*B6	R191	*P2	R314	P6
C193	N4	C400	*L3	C654	K6	C932	A5	C1214	H6	C1438	*F2	C1630	*E6	C1810	*B4	CL110	N4	D1810	*C5	IC905	M4	IC1805	*C6	L506	*K2	Q122	M2	Q702	*L4	Q1805	*B7	R192	*P2	R315	P6
C194	*P4	C450	*L3	C655	L6	C933	G1	C1215	*H6	C1439	G3	C1631	*E6	C1811	*B6	CL111	L3	D1910	*C1	IC906	M5	IC1806	C4	L507	K2	Q123	*P2	Q703	*L5			R193	*N2	R319	*P6

R320	*P6	R413	P6	R548	*L2	R640	*J2	R732	*L5	R917	*M7	R1121	*H3	R1247	*H5	R1384	*G2	R1528	*F6	R1620	E5	R1816	*B4	R1908	*C1	RV1604	*F4	X651	L6
R321	*P5	R414	P7	R549	*L2	R641	*J2	R733	L5	R918	*M7	R1122	*H3	R1248	*H5	R1385	*G2	R1529	*F6	R1621	E5	R1817	*B3	R1909	*C5	RV1605	*F6	X652	L6
R322	*P5	R415	P6	R550	*L1	R642	*J2	R734	L5	R919	*M7	R1123	*H3	R1249	H5	R1386	*G2	R1530	*F6	R1622	F5	R1818	*C6	R1910	*C1	RV1606	*F5	X653	L6
R323	*P5	R416	*P6	R551	*L1	R643	*J3	R735	L5	R920	*L7	R1124	*J2	R1250	H5	R1387	*G1	R1531	*F6	R1623	*F6	R1819	*C6	R1911	*C5	RV1801	*C6	X654	L7
R324	N6	R417	*P6	R552	*L2	R644	*J3	R736	L5	R921	*M7	R1125	*H2	R1251	H5	R1388	*G2	R1532	*F6	R1624	E5	R1820	*C6	R1912	*B4			X901	L7
R325	N6	R418	P7	R553	*L2	R645	*J3	R737	L5	R922	*M7	R1126	*J2	R1252	*H6	R1389	F1	R1533	G5	R1625	E5	R1821	*B2	R1913	*D1	S101	*N3	X1801	B6
R326	N6	R419	N7	R554	*L1	R646	*K2	R738	*L5	R923	*M7	R1127	*J2	R1253	*H6	R1390	F3	R1534	E4	R1626	F5	R1822	*C5	R1914	*D1	S301	*N5		
R328	*P5	R420	P7	R555	*L1	R647	*M1	R739	*L5	R924	*M7	R1128	*J2	R1268	*H6	R1391	F3	R1535	F4	R1627	E5	R1823	*B7	R1915	B2	S501	*K3	*:B SIDE	
R329	*P5	R421	N7	R556	*L1	R648	L2	R740	*K5	R925	*M7	R1129	*H3	R1300	F4	R1392	F3	R1536	E5	R1628	F5	R1824	*B4	R1916	B2	S901	*L7		
R330	*P6	R422	*N7	R557	*L1	R649	*M1	R741	*L5	R926	*L7	R1130	*H3	R1301	F1	R1393	F3	R1537	F5	R1629	E5	R1825	*B2	R1917	*C5	S1701	*D7		
R331	*P6	R423	*N7	R558	*L2	R650	*M2	R742	*L5	R927	*M7	R1131	*H3	R1302	*E3	R1394	*G3	R1538	F4	R1630	*F7	R1826	*B7	R1918	*C5	S1801	*C7		
R332	N6	R424	*P6	R559	*L1	R651	*M6	R743	*L5	R928	*L7	R1132	*H3	R1303	F2	R1395	*G3	R1539	F4	R1631	*F7	R1827	*B6	R1919	*B7				
R333	P6	R425	*N7	R560	*L2	R652	*L6	R744	*L5	R929	*L7	R1133	*H3	R1304	F2	R1396	*G3	R1540	*F4	R1632	*F7	R1828	*B4	R1920	*B5	TH1401	*F3		
R334	*P5	R450	*L3	R561	*L1	R653	*L6	R745	*L5	R930	*M7	R1134	*H3	R1305	G2	R1397	*G3	R1541	*G6	R1633	*F7	R1829	*B7	R1921	*D4	TH1402	*G1		
R335	*N5	R451	*L3	R562	*L1	R654	*L6	R746	*K5	R931	*M7	R1135	*H2	R1306	*F3	R1398	*G2	R1542	F4	R1634	*F7	R1830	*B6	R1922	*D4	TH1601	*E4		
R336	*P5	R452	*L3	R563	*L1	R655	*L6	R747	K7	R932	*M7	R1136	*H3	R1307	*F2	R1399	*G2	R1543	*F4	R1635	*F6	R1831	C7	R1923	*B6	TH1602	*E6		
R337	*N5	R453	*L3	R564	*K1	R656	*L6	R748	*K7	R933	*L7	R1137	H2	R1308	*E3	R1400	G3	R1544	*F4	R1636	*F7	R1832	*B7	R1924	*B5				
R338	*P5	R454	*L3	R565	*L2	R657	*L6	R749	*K6	R934	*M7	R1138	H2	R1309	E3	R1401	G3	R1545	*F4	R1637	F6	R1833	*B5	R1925	*C1	TP101	*P4		
R339	*N5	R455	*L3	R566	*L1	R658	*L6	R750	*K6	R935	*L7	R1139	*H2	R1310	E3	R1402	*G2	R1546	*G6	R1638	F6	R1834	*B5	R1926	*B5	TP102	*P3		
R340	*P5	R456	*L3	R567	*L2	R659	*L6	R751	*K6	R936	*M7	R1140	*H3	R1311	F3	R1403	G3	R1547	*G6	R1639	F6	R1835	*B5	R1927	*A2	TP103	P3		
R341	*N5	R457	*L3	R568	*L1	R660	*L6	R752	*K6	R937	*L7	R1141	*H3	R1312	*F3	R1404	*G3	R1548	F4	R1640	F7	R1836	*B4	R1928	*A2	TP104	*P3		
R342	*P5	R458	*L3	R569	*L1	R661	*L6	R753	*K6	R938	*M7	R1142	*J2	R1313	*E3	R1405	*G2	R1549	*E4	R1641	F7	R1837	*C5	R1929	B4	TP105	*N3		
R343	*P5	R459	*L3	R570	L2	R662	*L6	R754	*K6	R939	*M7	R1143	*H3	R1314	F3	R1406	*G3	R1550	*E4	R1642	F5	R1838	*C6	R1930	*C4	TP106	*N3		
R344	*N5	R460	*L3	R571	L2	R663	*L6	R755	*K5	R940	*A1	R1145	J2	R1315	F3	R1407	G2	R1551	E4	R1643	F7	R1839	*C6	R1931	*C4	TP107	*N3		
R345	*N5	R461	*L3	R572	L2	R664	*L6	R756	*K7	R941	A1	R1146	J2	R1316	*F3	R1408	G3	R1552	E4	R1644	F6	R1840	*B7	R1932	C4	TP108	N4		
R346	*P5	R462	*L3	R573	*L2	R665	L6	R757	*K7	R942	*B1	R1147	*H3	R1317	F3	R1409	G2	R1553	F4	R1645	F7	R1841	*B7	R1933	*C4	TP109	M2		
R347	*P5	R463	*L3	R574	*L2	R666	L6	R758	*K6	R943	A1	R1148	*H3	R1318	*F3	R1410	*F2	R1554	*G7	R1646	*E4	R1842	*B7	R1934	*B3	TP110	*N4		
R348	*N5	R464	*L3	R575	*K1	R667	L6	R759	*K6	R944	*B2	R1149	*H3	R1319	*F3	R1411	G2	R1555	F5	R1647	*F4	R1843	*C7	R1935	*B4	TP111	*L3		
R349	*N5	R465	*L3	R576	*K1	R668	L6	R760	*K4	R945	*H1	R1150	*H3	R1320	*F3	R1412	*F2	R1556	*F4	R1648	*G6	R1844	*B7	R1936	*C3	TP112	*N4		
R350	*N5	R466	*L3	R577	*K1	R669	L6	R761	*K5	R946	*H1	R1151	*H3	R1321	*F3	R1413	G2	R1557	*F5	R1649	F5	R1845	*B7	R1937	*B3	TP113	*P4		
R351	*N5	R467	*L3	R578	*K1	R670	L6	R762	*K6	R947	*J1	R1152	*H2	R1322	*F3	R1414	G2	R1558	*E4	R1650	E5	R1846	*B7	R1951	*J7	TP301	*P5		
R352	*N5	R468	*L3	R579	*K1	R671	L7	R763	*K6	R948	*H7	R1153	*H3	R1323	G2	R1415	G2	R1559	*G5	R1651	*F4	R1847	*B7	R1952	*J7	TP302	*P5		
R353	*N5	R469	*L2	R580	*K1	R672	L7	R764	*K6	R949	*J7	R1154	*H3	R1324	*E2	R1416	*F1	R1560	*G5	R1652	*G7	R1848	*B7	R1953	*K7	TP303	P6		
R354	*P5	R470	*L3	R581	*K2	R673	*L7	R765	*K6	R952	*H1	R1155	J3	R1325	*E1	R1417	*F1	R1561	*F5	R1653	F5	R1849	*C6	R1954	*K7	TP304	*P5		
R355	*P5	R471	L2	R582	*K2	R674	*L6	R766	*K6	R953	*J1	R1156	J3	R1326	E1	R1418	*F1	R1562	*F5	R1654	F7	R1850	*C7	R1955	*K7	TP305	*N5		
R356	*P5	R472	L2	R583	*K3	R675	*L6	R767	*K6	R954	*H7	R1157	H3	R1327	*E1	R1419	*F1	R1563	*G5	R1655	*F6	R1851	*C7	R1956	*K7	TP306	*N5		
R357	*P5	R473	L3	R584	*K4	R676	*M6	R768	*K5	R955	*H7	R1158	*H3	R1328	*F2	R1420	*F1	R1564	*E5	R1656	*F6	R1852	*C6			TP307	*N6		
R358	*N5	R474	L3	R585	*K4	R677	*M6	R769	*K5	R958	*H1	R1159	*H2	R1329	*F2	R1421	*F1	R1565	*E5	R1657	E6	R1853	*C5	RB1801	*B2	TP308	M5		
R359	*N5	R475	L3	R586	*K4	R678	*L6	R770	*J5	R959	*J1	R1160	*G2	R1330	*F2	R1422	*F1	R1566	*E5	R1658	E6	R1854	*C6	RB1802	*B6	TP309	*L6		
R360	*P5	R476	L3	R587	*K4	R679	*L6	R771	*J5	R960	*H7	R1161	*G2	R1331	*E3	R1423	F2	R1567	*G5	R1701	*E5	R1855	*C6	RB1803	*B6	TP310	*N7		
R361	*P5	R477	L3	R588	*K3	R680	*L6	R772	*J5	R961	*J7	R1162	*G5	R1332	E3	R1424	F2	R1568	*G5	R1702	C2	R1856	*B6	RB1808	*B1	TP311	*N7		
R362	*N5	R478	L3	R589	*K3	R681	*L6	R773	*J5	R964	*H1	R1163	*G5	R1333	F4	R1425	F2	R1569	*E5	R1703	C5	R1857	*C6	RB1809	*B1	TP312	*P7		
R363	*P4	R479	*L3	R590	*K4	R682	*L6	R774	*K5	R965	*J1	R1164	*G2	R1334	F3	R1426	F2	R1570	*E5	R1704	C2	R1858	*B6	RB1810	*B1	TP501	*M4		
R364	*P4	R480	*L3	R591	*K3	R683	*L6	R775	*J5	R966	H7	R1165	*G2	R1335	F2	R1427	F2	R1571	*G5	R1705	C5	R1859	*C6	RB1811	*B2	TP502	*L1		
R365	*N4	R481	*L3	R592	*J4	R684	*L6	R776	*J6	R967	J7	R1166	*G1	R1336	G2	R1428	G1	R1572	G5	R1706	C2	R1860	*B6			TP503	*K2		
R366	*N4	R501	*M4	R593	*J4	R685	*M6	R777	*K6	R970	*H1	R1167	*G1	R1337	F3	R1429	F3	R1573	*E5	R1707	C5	R1861	*C4	RV101	*P2	TP504	*K2		
R367	P5	R502	*M4	R594	*J3	R686	*L6	R778	*K6	R971	H7	R1168	*H3	R1338	F4	R1430	F1	R1574	*E5	R1708	*E4	R1862	*C4	RV102	*P2	TP505	*J3		
R368	P5	R503	*L4	R595	*J4	R687	*A2	R779	*J6	R973	*H1	R1201	*J5	R1339	F4	R1431	F2	R1575	G6	R1709	*D4	R1863	*C5	RV103	*N2	TP506	*K2		
R369	*P4	R504	*L4	R596	*J4	R688	*M2	R780	*J6	R974	*H1	R1202	*J5	R1340	F4	R1432	F2	R1576	G6	R1710	*E1	R1864	*C4	RV104	*N2	TP508	*M1		
R370	*P5	R505	*M4	R597	*J4	R689	*M2	R781	*K6	R975	H7	R1203	*J5	R1341	F4	R1433	F2	R1577	*E5	R1711	*D1	R1865	*B7	RV105	*M3	TP701	*L6		
R371	N5	R506	M4	R598	*J4	R690	*M2	R782	*J6	R976	H7	R1204	*J5	R1342	F4	R1434	F2	R1578	*G5	R1712	*E6	R1866	*B7	RV106	*M3	TP702	*L4		
R372	N5	R507	*M4	R599	*J4	R691	*M2	R783	*J6	R979	*J1	R1205	*J5	R1343	*F3	R1435	F2	R1579	G5	R1713	*E3	R1867	*C5	RV107	*M2	TP703	*L5		
R373	*N4	R508	*M1	R600	*J3	R692	*M2	R784	*J6	R980	*J1	R1206	*J5	R1344	*E3	R1436	*G1	R1580	G5	R1714	*E6	R1868	*C5	RV108	*M3	TP704	*K7		
R374	*N5	R509	*M1	R601	*J4	R693	M2	R785	*J6	R981	J7	R1207	*J5	R1345	*E3	R1437	*E1	R1581	*E5	R1715	*E3	R1869	*C5	RV109	*N3	TP705	*K6		
R375	P4	R510	*L4	R602	*J4	R694	M2	R786	*J7	R982	J7	R1208	*J5	R1346	*F3	R1438	G3	R1582	*E5	R1716	*E6	R1870	*C5	RV110	*N4	TP706	*J6		
R376	N4	R511	*M1	R603	*J3	R695	M2	R787	*J6	R985	*G1	R1209	*J5	R1347	*F4	R1439	*H2	R1583	F5	R1717	*E5	R1871	*C5	RV111	*N4	TP1101	*J3		
R377	P4	R512	*M1	R604	*J3	R696	M2	R788	*J6	R986	*H7	R1210	*H4	R1348	*F3	R1440	*G2	R1584	F5	R1718	*E5	R1872	*C7	RV112	*N4	TP1102	H3		
R378	N4	R513	*M1	R605	*K2	R697	M2	R789	*J6	R987	*B6	R1211	*H4	R1349	*E2	R1441	*H2	R1585	F5	R1719	*D6	R1873	*B7	RV113	*N4	TP1201	*H5		
R379	P4	R514	*M1	R606	*K2	R698	*M2	R790	*J6	R988	*H1	R1212	*H4	R1350	*F3	R1442	*G2	R1586	F5	R1720	*D4	R1874	*C7	RV301	*P5	TP1202	H6		
R380	N4	R515	*L4	R607	*K2	R699	*M2	R791	*J6	R989	*B6	R1213	*H4	R1351	*F3	R1443	*G3	R1587	F5	R1721	*D4	R1875	*B7	RV302	*P4	TP1301	E3		
R381	*M4	R516	*M1	R608	*K2	R700	L1	R792	*J6	R990	H7	R1214	*H4	R1352	*F3	R1444	G3	R1588	F5	R1722	C4	R1876	*C7	RV303	*N5	TP1302	E3		
R382	N5	R517	*M1	R609	*K2	R701	*M6	R793	*J6	R993	*G1	R1215	*H6	R1353	*F3	R1445	*G2	R1589	*F5	R1724	*D7	R1877	*B6	RV304	*N4	TP1303	F1		
R383	N5	R518	*M1	R610	*K2	R702	*L6	R794	*J6	R994	*H1	R1216	*H6	R1354	*F3	R1446	*G2	R1590	*F6	R1725	D7	R1878	*B5	RV305	*M5	TP1304	E2		
R384	*N5	R519	*M1	R611	*K2	R703	*M4	R795	*J6	R995	*H1	R1217	*H6	R1355	*F3	R1447	*G2	R1591	*F6	R1726	*D3	R1879	*C5	RV306	*M4	TP1401	*F2		
R385	*N6	R520	*M2	R612	*K2	R704	*M4	R796	*J6	R996	*J7	R1218	*H6	R1356	*F2	R1500	F4	R1592	*F5	R1727	*D3	R1880	*B6	RV307	*M4	TP1402	G3		
R386	N5	R521	*M2	R613	*K3	R705	L6	R797	*J6	R997	*H7	R1219	*H6	R1357	*F2	R1501	G6	R1593	*F5	R1728	D7	R1881	B5	RV308	*M4	TP1403	*E2		
R387	*N5	R522	*M1	R614	*K2	R706	*M6	R798	*J6	R998	*J7	R1220	*H6	R1358	E2	R1502	E7	R1594	*F5	R1729	*D3	R1882	*C5	RV309	*N6	TP1404	G1		
R388	*N5	R523	*M1	R615	*K2	R707	L5	R799	*J6	R999	*A5	R1221	*H6	R1359	*F3	R1503	E7	R1595	*F5	R1730	*D3	R1883	*C5	RV310	*N6	TP1405	*E4		
R389	*N6	R524	*M4	R616	*K3	R708	M5	R800	*J6	R1000	*B6	R1222	*H6	R1360	E2	R1504	F6	R1596	*E6	R1731	*D4	R1884	*C5	RV311	*N7	TP1406	*F4		
R390	*N6	R525	L2	R617	*J2	R709	L5	R801	*J5	R1001	*A6	R1223	*H5	R1361	E2	R1505	*G5	R1597	*F5	R1732	D7	R1885	*B5	RV312	*N6	TP1501	G5		
R391	*N6	R526	M3	R618	*J2	R710	M5	R802	*J5	R1002	*J7	R1224	*H6	R1362	E2	R1506	*G5	R1598	*F5	R1733	D7	R1886	*B5	RV313	*N7	TP1502	G7		
R392	*N6	R527	L2	R619	*J2	R711	M5	R803	*J5	R1003	*J7	R1225	*H6	R1363	*G4	R1507	G5	R1599	*E6	R1734	D7	R1887	C2	RV501	*L1	TP1503	F6		
R393	*N6	R528	L2	R620	*J2	R712	M5	R804	L5	R1101	*J3	R1226	*H5	R1364	*F3	R1508	*G5	R1600	*E6	R1737	D7	R1888	*C5	RV502	*L2	TP1601	*F7		
R394	*N6	R529	M3	R621	*K2	R713	L5	R805	*K6	R1102	*J3	R1227	*H5	R1365	*G3	R1509	*G5	R1601	*E6	R1738	*D3	R1889	*C5	RV503	*J3	TP1602	E5		
R395	*N6	R530	L2	R622	*J2	R714	L5	R806	L5	R1103	H3	R1228	*H5	R1366	*G3	R1510	*F5	R1602	*E7	R1739	D6	R1890	*C5	RV504	*J3	TP1603	*F7		
R396	*N6	R531	L2	R623	*J2	R715	L5	R807	L1	R1104	H3	R1229	*H5	R1367	F3	R1511	*F4	R1603	*E6	R1740	D6	R1891	*C5	RV505	*L1	TP1604	F7		
R397	*N6	R532	L2	R624	*K2	R716	L5	R901	N5	R1105	*J3	R1230	*H5	R1368	F3	R1512	*F4	R1604	*F6	R1800	*C7	R1892	C6	RV506	*L1	TP1800	*C3		
R398	*M3	R533	M3	R625	*J2	R717	*L5	R902	M5	R1106	*J3	R1231	H6	R1369	F3	R1513	*F4	R1605	F5	R1801	*B5	R1893	C6	RV701	*L4	TP1801	B3		
R399	*M4	R534	L2	R626	*J2	R718	*L4	R903	*M7	R1107	*J3	R1232	*H5	R1370	F3	R1514	*F4	R1606	F5	R1802	*B5	R1894	*B3	RV702	*L5	TP1802	B3		
R400	*N6	R535	L2	R627	*J2	R719	*L4	R904	*N4	R1108	*J3	R1233	H6	R1371	F3	R1515	*F4	R1607	*F5	R1803	*B5	R1895	*C3	RV703	*J5	TP1803	B3		
R401	*N6	R536	L2	R628	*K2	R720	*L4	R905	*L7	R1109	*J3	R1234	*H5	R1372	F3	R1516	*F5	R1608	F5	R1804	*B5	R1896	*C6	RV704	*J5	TP1804	*B2		
R402	M6	R537	L2	R629	*J2	R721	*L4	R906	*N4	R1110	H4	R1235	*H5	R1373	*G4	R1517	*F5	R1609	*E6	R1805	*B5	R1897	*C5	RV1101	*H3	TP1805	B2		
R403	*M6	R538	L2	R630	*J2	R722	*L4	R907	*M4	R1111	*J3	R1237	*H6	R1374	G3	R1518	*F5	R1610	*F6	R1806	*B2	R1898	*C5	RV1201	*H5	TP1806	B7		
R404	*M6	R539	*L2	R631	*K2	R723	*L5	R908	M4	R1112	H4	R1238	*H5	R1375	*G3	R1519	*F6	R1611	*F6	R1807	*B2	R1899	*C5	RV1301	*F1	TP1807	B7		
R405	*M6	R540	*L1	R632	*J2	R724	*L4	R909	M5	R1113	*J3	R1239	H6	R1376	*G2	R1520	*F5	R1612	*F6	R1808	*B2	R1900	*C5	RV1401	*G3	TP1808	B7		
R406	P6	R541	*L1	R633	*J2	R725	*L5	R910	M4	R1114	*J3	R1240	H6	R1377	*G2	R1521	F6	R1613	*F6	R1809	*B2	R1901	*B2	RV1402	*G2	TP1809	B7		
R407	P6	R542	*L2	R634	*J2	R726	*L4	R911	M5	R1115	*H4	R1241	*H5	R1378	G4	R1522	G6	R1614	*F6	R1810	*B2	R1902	*C1	RV1410	*G2	TP1810	B3		
R408	P6	R543	*L2	R635	*J2	R727	*L4	R912	*M7	R1116	*H4	R1242	*H5	R1379	G4	R1523	G6	R1615	E5	R1811	*B2	R1903	*C1	RV1411	*G3				
R409	P7	R544	*L1	R636	*J2	R728	*M4	R913	*L7	R1117	*H4	R1243	*H5	R1380	*G4	R1524	*G6	R1616	*F5	R1812	*B2	R1904	*C1	RV1501	*G7	X451	L3		
R410	P7	R545	*L1	R637	*J2	R729	*L5	R914	*M7	R1118	*H4	R1244	*H5	R1381	*G3	R1525	*G6	R1617	F5	R1813	*B3	R1905	*C1	RV1601	*E4	X452	L3		
R411	N6	R546	*L1	R638	*J2	R730	*L4	R915	*L7	R1119	*H3	R1245	*H5	R1382	*G4	R1526	*G6	R1618	*F6	R1814	*B4	R1906	*C5	RV1602	*E4	X453	L3		
R412	*N6	R547	*L2	R639	*J2	R731	*L5	R916	*M7	R1120	*H3	R1246	*H6	R1383	*G2	R1527	*G6	R1619	E5	R1815	*B3	R1907	*C1	RV1603	*F5	X454	L4		



Components locations list; previous page

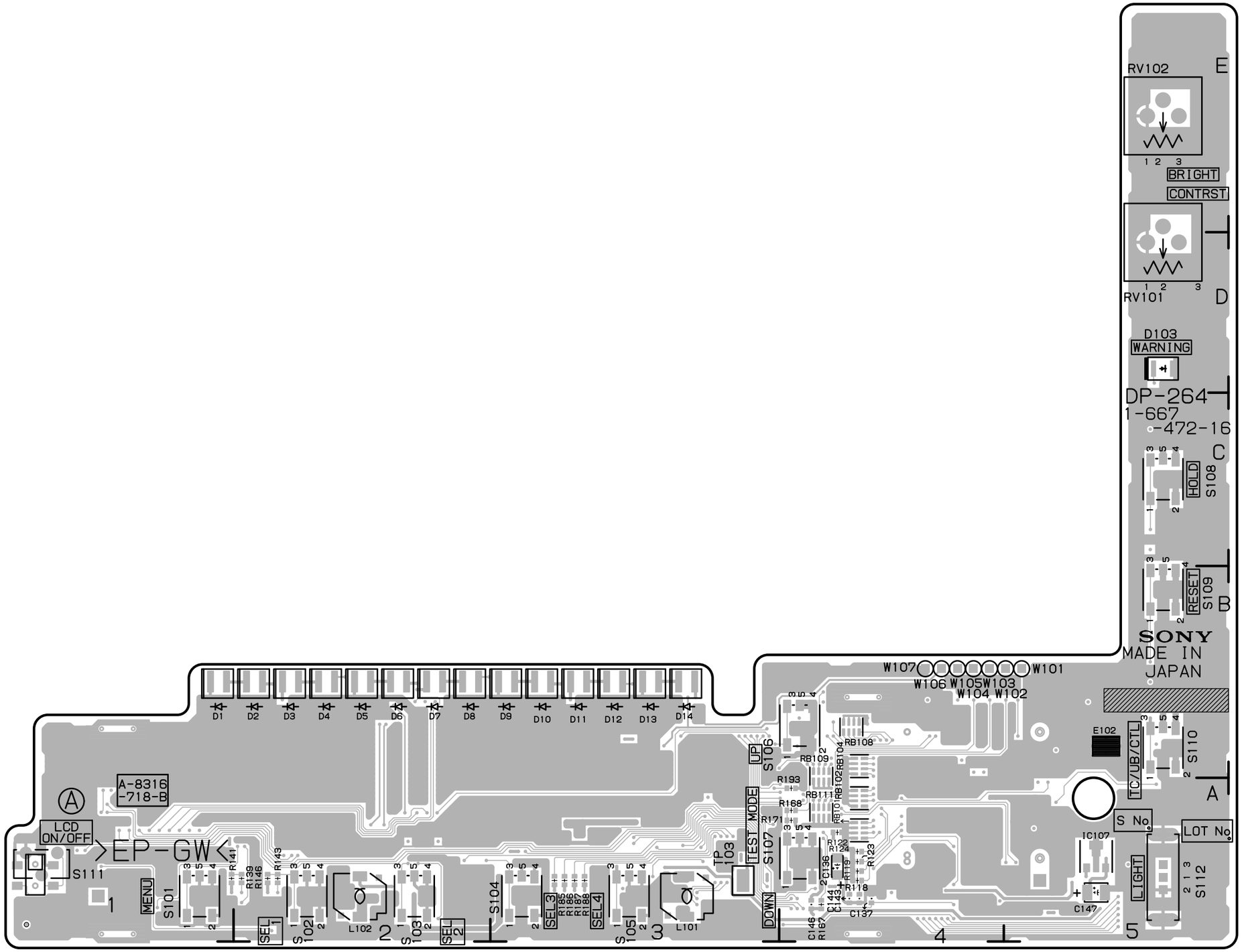
DM-121 -A SIDE-
SUFFIX: -11



DM-121 -B SIDE-
SUFFIX: -11

DP-264(1-667-472-16)

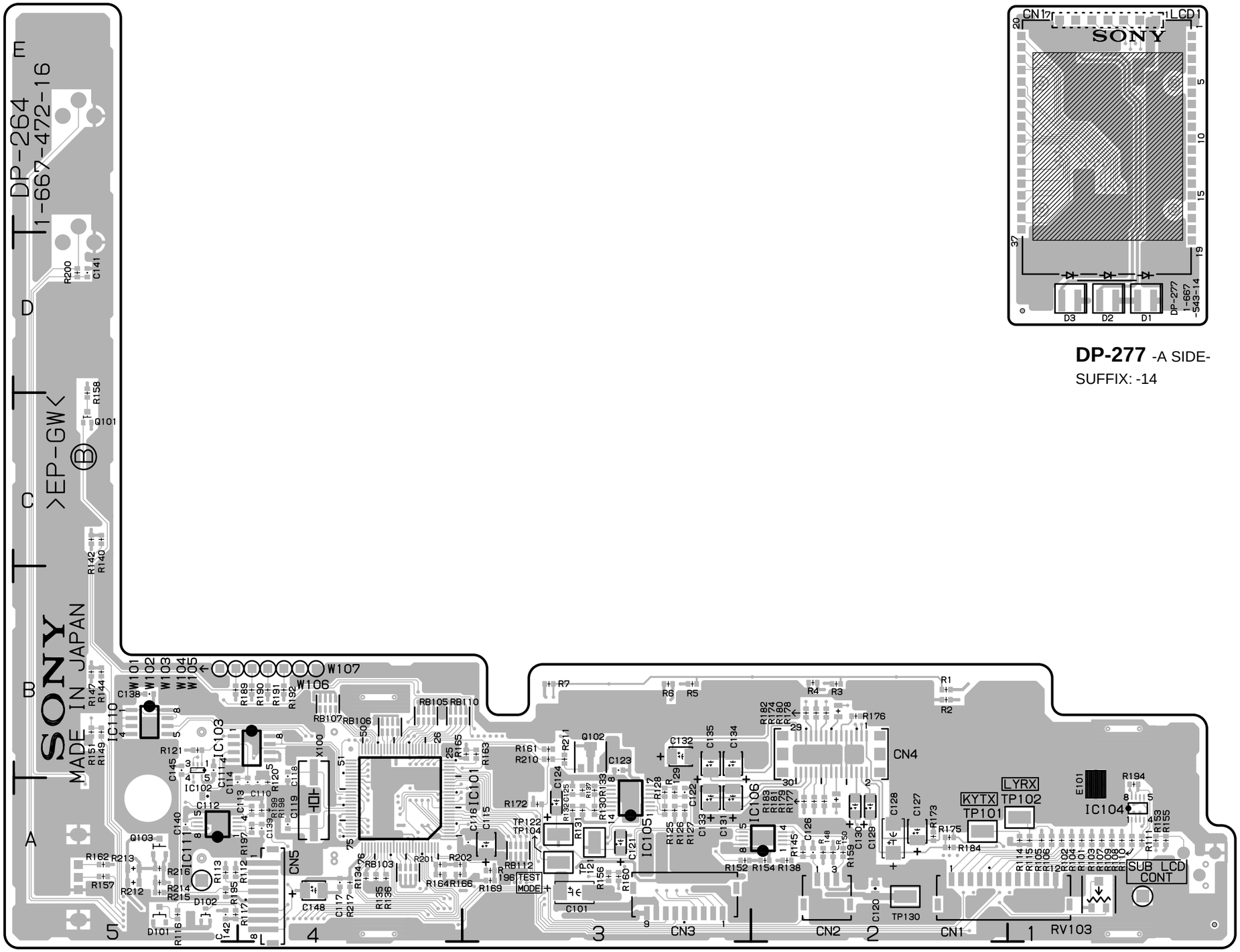
C101	*A3	R101	*A1	R194	*A1
C110	*A4	R102	*A1	R195	*A5
C111	*B5	R103	*A1	R196	*A3
C112	*A5	R104	*A1	R197	*A4
C113	*A4	R105	*A1	R198	*A4
C114	*A5	R106	*A1	R199	*A4
C115	*A3	R107	*A1	R200	*D5
C116	*A3	R108	*A1	R201	*A4
C117	*A4	R109	*A1	R202	*A4
C118	*B4	R110	*A1	R210	*B3
C119	*A4	R111	*A1	R211	*B3
C120	*A2	R112	*A5	R212	*A5
C121	*A3	R113	*A5	R213	*A5
C122	*A3	R114	*A1	R214	*A5
C123	*B3	R115	*A1	R215	*A5
C124	*A3	R116	*A5	R216	*A5
C125	*A3	R117	*A5	R217	*A4
C126	*A2	R118	A4		
C127	*A2	R119	A4	RB101	A4
C128	*A2	R120	*A4	RB102	A4
C129	*A2	R121	*B5	RB103	*A4
C130	*A2	R122	A4	RB104	B4
C131	*A3	R123	A4	RB105	*B4
C132	*B3	R124	A4	RB106	*B4
C133	*A3	R125	*A3	RB107	*B4
C134	*B3	R126	*A3	RB108	B4
C135	*B3	R127	*A3	RB109	B4
C136	A4	R128	*A3	RB110	*B4
C137	A4	R129	*A3	RB111	A4
C138	*B5	R130	*A3	RB112	*A3
C139	*A4	R131	*A3		
C140	*A5	R132	*A3	RV101	D5
C141	*D5	R133	*A3	RV102	E5
C142	*A5	R134	*A4	RV103	*A1
C143	A4	R135	*A4		
C144	A4	R136	*A4	S101	A1
C145	*B5	R137	*A3	S102	A2
C146	A4	R138	*A2	S103	A2
C147	A5	R139	A2	S104	A3
C148	*A4	R140	*C5	S105	A3
		R141	A1	S106	B4
CN1	*A2	R142	*C5	S107	A4
CN2	*A2	R143	A2	S108	C5
CN3	*A3	R144	*B5	S109	B5
CN4	*B2	R145	*A2	S110	B5
CN5	*A4	R146	A2	S111	A1
		R147	*B5	S112	A5
D1	B1	R148	*A2		
D2	B2	R149	*B5	TP101	*A2
D3	B2	R150	*A2	TP102	*A1
D4	B2	R151	*B5	TP103	A3
D5	B2	R152	*A3	TP104	*A3
D6	B2	R153	*A1	TP121	*A3
D7	B2	R154	*A2	TP122	*A3
D8	B2	R155	*A1	TP130	*A2
D9	B3	R156	*A3		
D10	B3	R157	*A5	W101	B5
D11	B3	R158	*C5	W102	B5
D12	B3	R159	*A2	W103	B4
D13	B3	R160	*A3	W104	B4
D14	B3	R161	*B3	W105	B4
D101	*A5	R162	*A5	W106	B4
D102	*A5	R163	*B3	W107	B4
D103	D5	R164	*A4		
		R165	*B3	X100	*A4
E101	*A1	R166	*A4		
E102	B5	R167	A4	*:B SIDE	
		R168	A4		
IC101	*A4	R169	*A3		
IC102	*B5	R171	A4		
IC103	*B5	R172	*A3		
IC104	*A1	R173	*A2		
IC105	*A3	R174	*B2		
IC106	*A2	R175	*A2		
IC107	A5	R176	*B2		
IC110	*B5	R177	*A2		
IC111	*A5	R178	*B2		
		R179	*A2		
L101	A3	R180	*B2		
L102	A2	R181	*A2		
		R182	*B2		
Q101	*C5	R183	*A2		
Q102	*B3	R184	*A2		
Q103	*A5	R185	A3		
		R186	A3		
R1	*B2	R187	A3		
R2	*B2	R188	A3		
R3	*B2	R189	*B5		
R4	*B2	R190	*B4		
R5	*B3	R191	*B4		
R6	*B3	R192	*B4		
R7	*B3	R193	A4		



DP-264 -A SIDE-
SUFFIX: -16

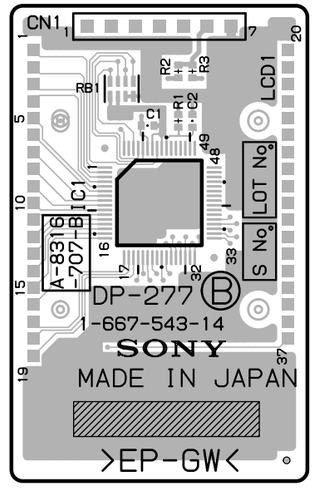
BVW-55

http://getMANUAL.com



DP-264 -B SIDE-
SUFFIX: -16

DP-277 -A SIDE-
SUFFIX: -14

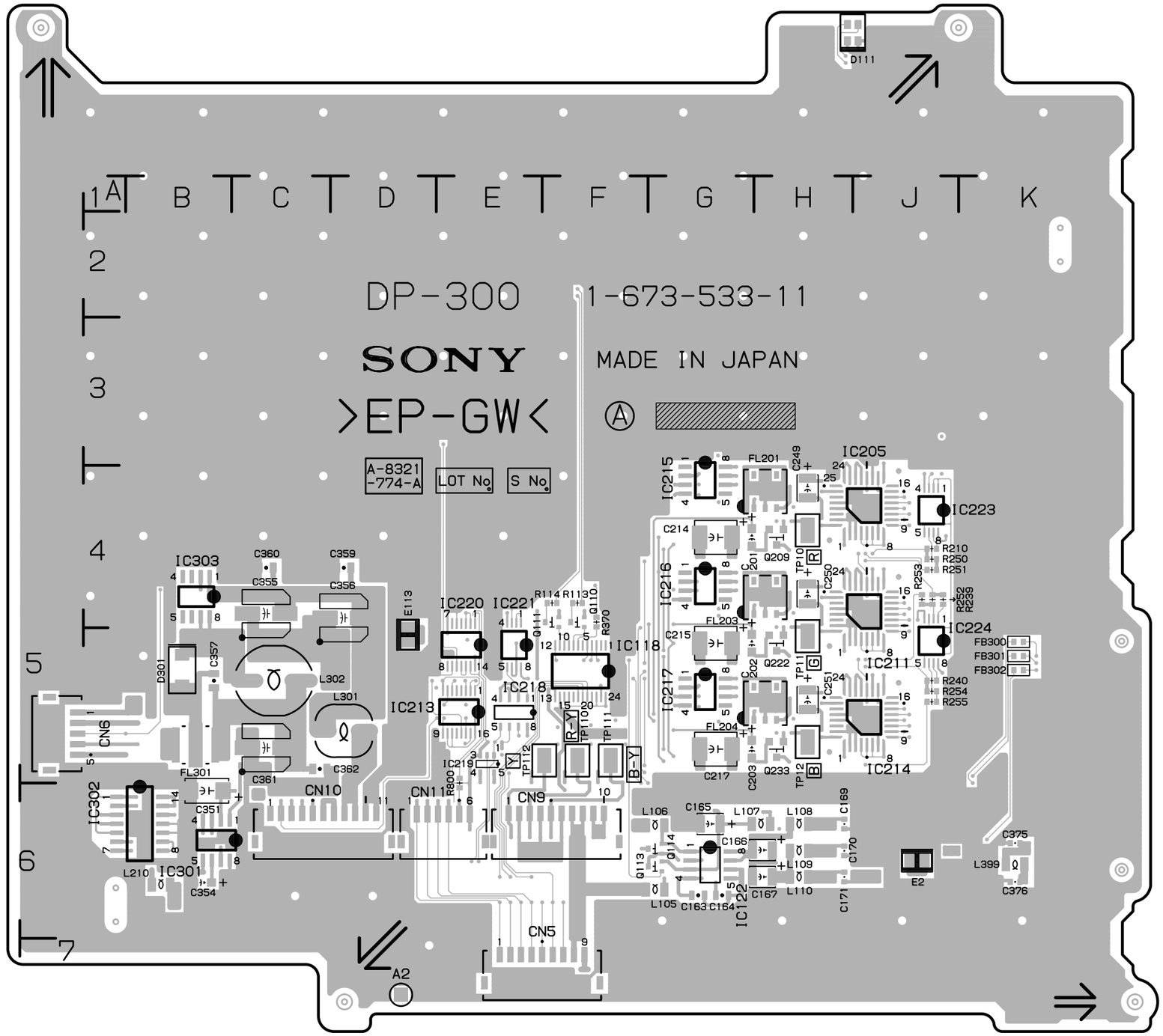


DP-277 -B SIDE-
SUFFIX: -14

DP-300(1-673-533-11)

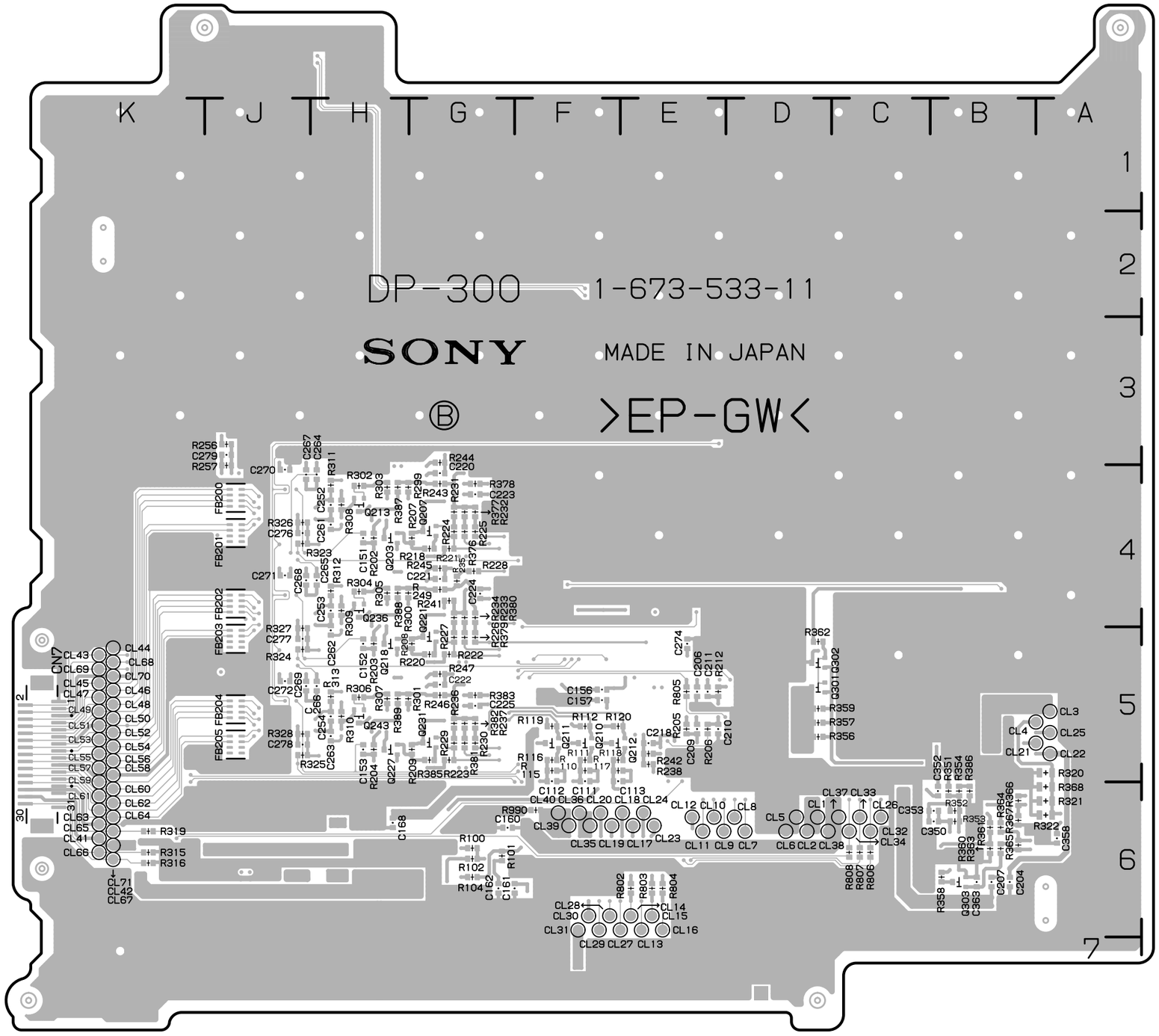
A2		D7		CL12	*E6	IC211	J4	R236	*G5
				CL13	*E6	IC213	E5	R237	*G5
C111		*F5		CL14	*E6	IC214	J5	R238	*E5
C112		*F5		CL15	*E6	IC215	G4	R239	J4
C113		*F5		CL16	*E6	IC216	G4	R240	J5
C151		*H4		CL17	*E6	IC217	G5	R241	*G4
C152		*H5		CL18	*E6	IC218	E5	R242	*E5
C153		*H5		CL19	*F6	IC219	E5	R243	*G4
C156		*F5		CL20	*F6	IC220	E4	R244	*G3
C157		*F5		CL21	*B5	IC221	E4	R245	*G4
C160		*G6		CL22	*A5	IC223	J4	R246	*G5
C161		*G6		CL23	*E6	IC224	J4	R247	*G5
C162		*G6		CL24	*E6	IC301	B6	R249	*G4
C163		G6		CL25	*A5	IC302	A6	R250	J4
C164		G6		CL26	*C6	IC303	B4	R251	J4
C165		G6		CL27	*F6			R252	J4
C166		H6		CL28	*F6	L105	G6	R253	J4
C167		H6		CL29	*F6	L106	G6	R254	J5
C168		*H6		CL30	*F6	L107	H6	R255	J5
C169		H6		CL31	*F6	L108	H6	R256	*J3
C170		H6		CL32	*C6	L109	H6	R257	*J4
C171		H6		CL33	*C6	L110	H6	R299	*H4
C201		G4		CL34	*C6	L210	B6	R300	*H4
C202		G5		CL35	*F6	L301	D5	R301	*H5
C203		G5		CL36	*F6	L302	C5	R302	*H4
C204		*B6		CL37	*C6	L399	K6	R303	*H4
C206		*E5		CL38	*D6			R304	*H4
C207		*B6		CL39	*F6	Q110	F4	R305	*H4
C209		*E5		CL40	*F6	Q111	F4	R306	*H5
C210		*E5		CL41	*K6	Q113	G6	R307	*H5
C211		*E5		CL42	*K6	Q114	G6	R308	*H4
C214		G4		CL43	*K5	Q203	*H4	R309	*H4
C215		G5		CL44	*K5	Q207	*G4	R310	*H5
C217		G5		CL45	*K5	Q209	H4	R311	*H4
C218		*E5		CL46	*K5	Q210	*F5	R312	*H4
C220		*G4		CL47	*K5	Q211	*F5	R313	*H5
C221		*G4		CL48	*K5	Q212	*F5	R315	*K6
C222		*G5		CL49	*K5	Q213	*H4	R316	*K6
C223		*G4		CL50	*K5	Q218	*H5	R319	*K6
C224		*G4		CL51	*K5	Q221	*G5	R320	*A5
C225		*G5		CL52	*K5	Q222	H5	R321	*A6
C249		H4		CL53	*K5	Q227	*H5	R322	*A6
C250		H4		CL54	*K5	Q231	*G5	R323	*J4
C251		H5		CL55	*K5	Q233	H5	R324	*J5
C252		*H4		CL56	*K5	Q236	*H4	R325	*J5
C253		*H4		CL57	*K5	Q243	*H5	R326	*J4
C254		*H5		CL58	*K5	Q301	*D5	R327	*J5
C261		*H4		CL59	*K5	Q302	*D5	R328	*J5
C262		*H5		CL60	*K6	Q303	*B6	R351	*B6
C263		*H5		CL61	*K6			R352	*B6
C264		*H4		CL62	*K6	R100	*G6	R353	*B6
C265		*H4		CL63	*K6	R101	*G6	R354	*B6
C266		*H5		CL64	*K6	R102	*G6	R356	*D5
C267		*J4		CL65	*K6	R104	*G6	R357	*D5
C268		*J4		CL66	*K6	R110	*F5	R358	*B6
C269		*J5		CL67	*K6	R111	*F5	R359	*D5
C270		*J4		CL68	*K5	R112	*F5	R360	*B6
C271		*J4		CL69	*K5	R113	F4	R361	*B6
C272		*J5		CL70	*K5	R114	F4	R362	*D5
C274		*E5		CL71	*K6	R115	*F5	R363	*B6
C276		*J4				R116	*F5	R364	*B6
C277		*J5		CN5	F7	R117	*F5	R365	*B6
C278		*J5		CN6	A5	R118	*F5	R366	*B6
C279		*J3		CN7	*K5	R119	*F5	R367	*B6
C350		*B6		CN9	F6	R120	*F5	R368	*A6
C351		B6		CN10	C6	R202	*H4	R370	F4
C352		*B6		CN11	E6	R203	*H5	R376	*G4
C353		*B6				R204	*H5	R377	*G4
C354		B6		D111	J1	R205	*E5	R378	*G4
C355		C4		D301	B5	R206	*E5	R379	*G5
C356		D4				R207	*G4	R380	*G4
C357		B5		E2	J6	R208	*G5	R381	*G5
C358		*A6		E113	D5	R209	*G5	R382	*G5
C359		D4				R210	J4	R383	*G5
C360		C4		FB200	*J4	R212	*E5	R385	*G5
C361		C5		FB201	*J4	R218	*G4	R386	*B6
C362		C5		FB202	*J4	R220	*G5	R387	*H4
C363		*B6		FB203	*J5	R221	*G4	R388	*H4
C375		K6		FB204	*J5	R222	*G5	R389	*H5
C376		K6		FB205	*J5	R223	*G5	R800	E5
				FB300	K5	R224	*G4	R802	*E6
CL1		*D6		FB301	K5	R225	*G4	R803	*E6
CL2		*D6		FB302	K5	R226	*G5	R804	*E6
CL3		*A5				R227	*G5	R805	*E5
CL4		*B5		FL201	H4	R228	*G4	R806	*C6
CL5		*D6		FL203	H4	R229	*G5	R807	*C6
CL6		*D6		FL204	H5	R230	*G5	R808	*C6
CL7		*D6		FL301	B5	R231	*G4	R990	*F6
CL8		*D6				R232	*G4		
CL9		*E6		IC118	F5	R233	*G4	TP10	H4
CL10		*E6		IC122	G6	R234	*G4	TP11	H5
CL11		*E6		IC205	J4	R235	*G4	TP12	H5

TP110	F5		
TP111	F5		
TP112	F5		
*:B SIDE			



DP-300 -A SIDE-
SUFFIX: -11

BVW-55

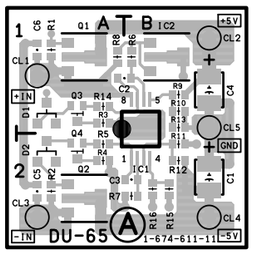


DP-300 -B SIDE-
SUFFIX: -11

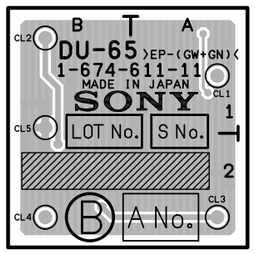
DU-65, FL-251, HP-88

DU-65(1-674-611-11)

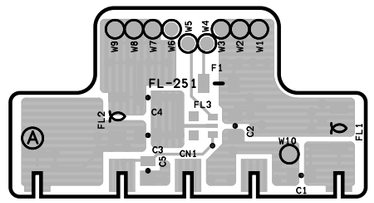
C1	B2
C2	B1
C3	B2
C4	B1
C5	A2
C6	A1
D1	A1
D2	A2
IC1	B1
IC2	B1
Q1	A1
Q2	A2
Q3	A1
Q4	A2
R1	A1
R2	A2
R3	A1
R4	A2
R5	A2
R6	B1
R7	B2
R8	A1
R9	B1
R10	B1
R11	B2
R12	B2
R13	B1
R14	A1
R15	B2
R16	B2



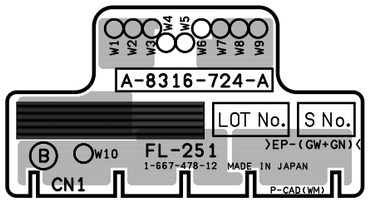
DU-65 -A SIDE-
SUFFIX: -11



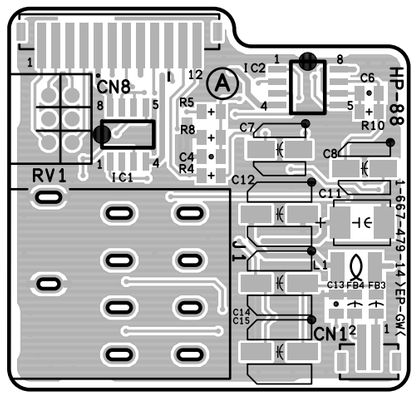
DU-65 -B SIDE-
SUFFIX: -11



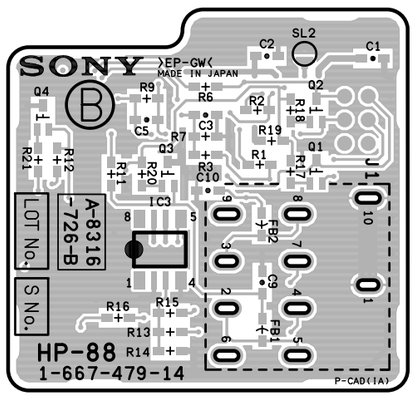
FL-251 -A SIDE-
SUFFIX: -12



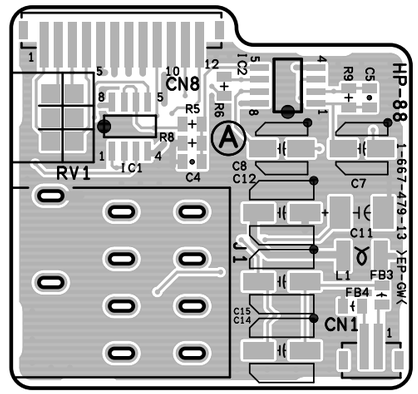
FL-251 -B SIDE-
SUFFIX: -12



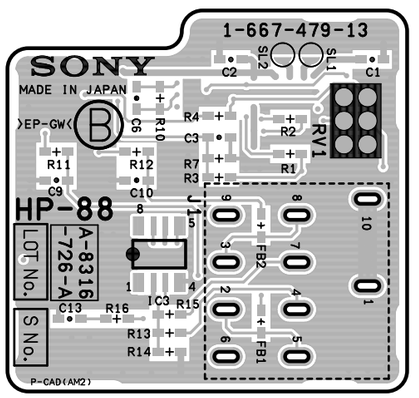
HP-88 -A SIDE-
SUFFIX: -14



HP-88 -B SIDE-
SUFFIX: -14



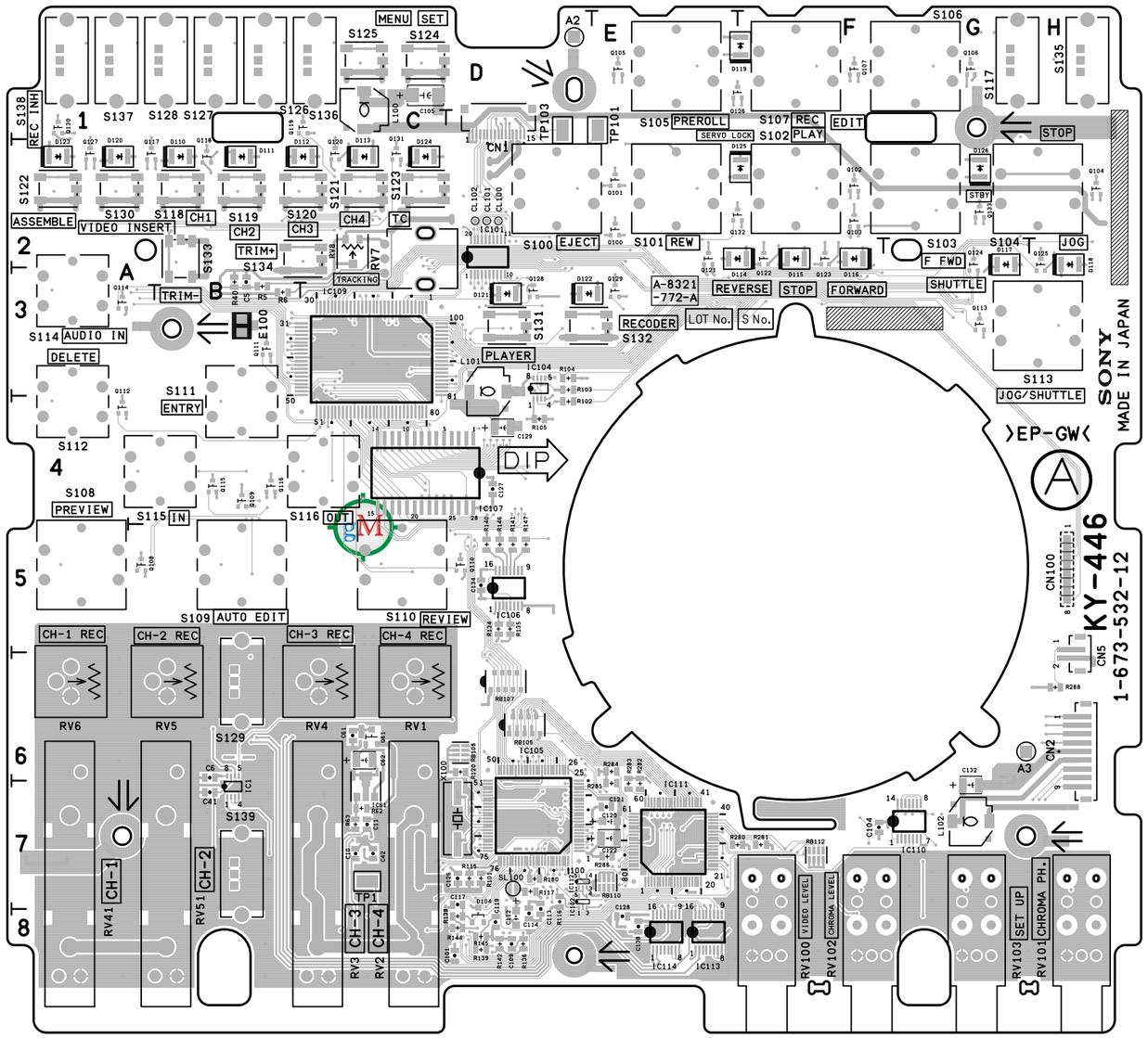
HP-88 -A SIDE-
SUFFIX: -13



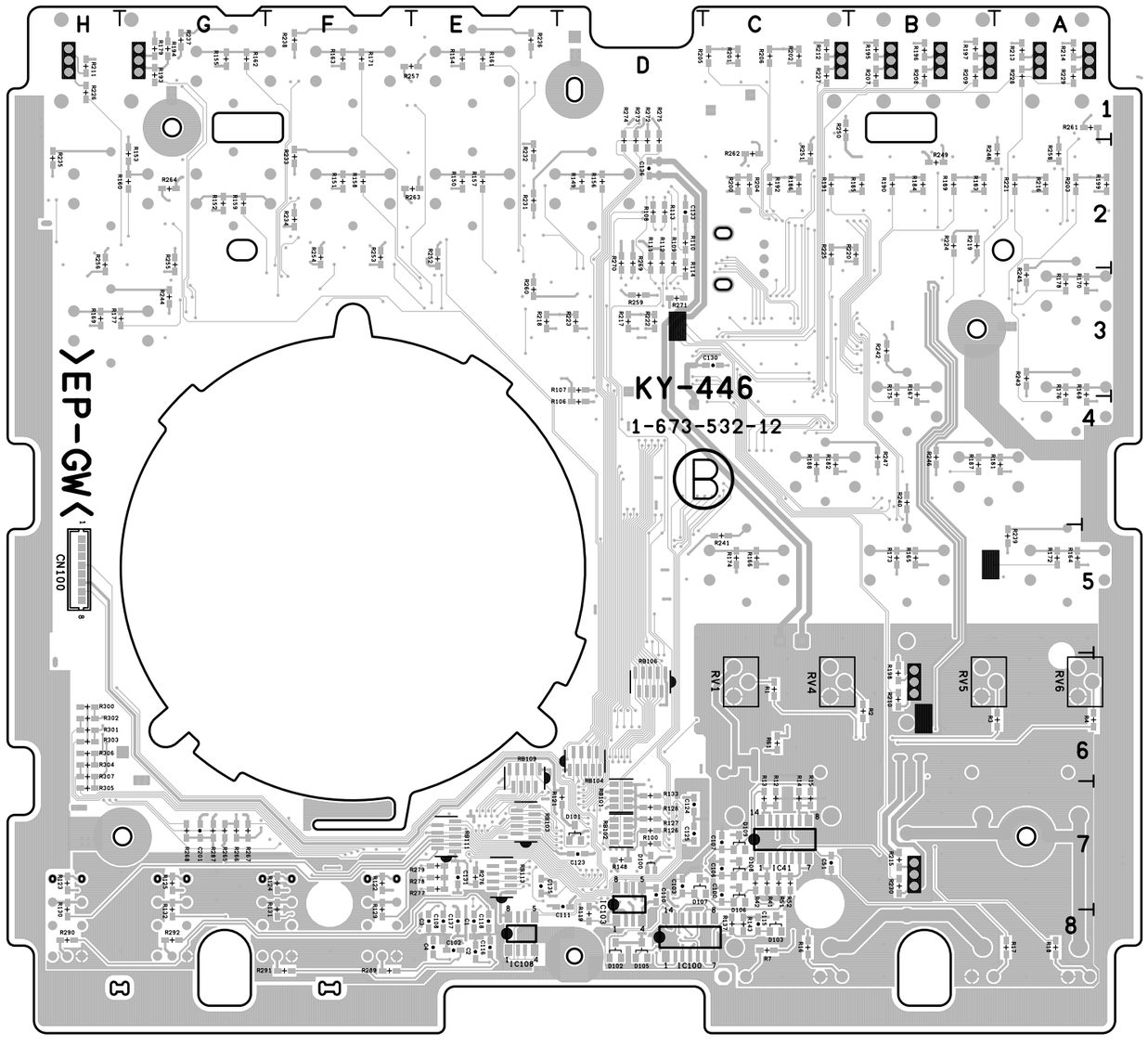
HP-88 -B SIDE-
SUFFIX: -13

KY-446(1-673-532-12)

A2	D1	IC1	B7	R111	*D2	R204	*C2	R303	*H6
A3	G6	IC41	*C7	R112	*D2	R205	*C1	R304	*H6
		IC61	C7	R113	*D2	R206	*C1	R305	*H7
C1	*E8	IC100	*D8	R114	*D3	R207	*B1	R306	*H6
C2	*E8	IC101	D2	R115	D7	R208	*B1	R307	*H6
C3	*E8	IC102	D7	R116	D7	R209	*B1		
C4	*E8	IC103	*D7	R117	D7	R210	*B6	RB101	*D7
C5	B3	IC104	D3	R119	*D8	R211	*H1	RB102	*D7
C6	B6	IC105	D7	R120	D6	R212	*C1	RB103	*E7
C10	C7	IC106	D5	R121	*D7	R213	*A1	RB104	*D6
C11	C7	IC107	C4	R122	*F7	R214	*A1	RB105	D6
C41	B7	IC108	*E8	R123	*H7	R215	*B7	RB106	*D6
C42	C7	IC109	C3	R124	*F7	R216	*A2	RB107	D6
C51	*C7	IC110	G7	R125	*G7	R217	*D3	RB108	D6
C61	C6	IC111	E7	R126	*D7	R218	*E3	RB109	*E6
C62	C6	IC112	D7	R127	*D7	R219	*B2	RB110	E7
C100	*C7	IC113	E8	R128	*D7	R220	*B2	RB111	*E7
C101	D8	IC114	E8	R129	*F8	R221	*A2	RB112	F7
C102	*E8			R130	*H8	R222	*D3	RB113	*E7
C103	*D7	L100	C1	R131	*F8	R223	*D3		
C104	F7	L101	D3	R132	*G8	R224	*B2	RV1	C6
C105	C1	L102	G7	R133	*D7	R225	*C2	RV2	C7
C106	*C7			R134	D5	R226	*H1	RV3	C7
C107	*C7	Q61	C6	R135	D5	R227	*C1	RV4	C6
C108	*E8	Q100	E2	R136	D8	R228	*A1	RV5	B6
C109	D8	Q101	E2	R137	*C8	R229	*A1	RV6	A6
C110	*D7	Q102	F2	R138	D8	R230	*B7	RV7	C2
C111	*D7	Q103	F2	R139	D8	R231	*E2	RV8	C2
C112	D8	Q104	H2	R140	D5	R232	*E2	RV41	A7
C113	D8	Q105	E1	R141	D5	R233	*F2	RV51	B7
C114	D8	Q106	G1	R142	D8	R234	*F2	RV100	F8
C115	*C8	Q107	F1	R143	*C8	R235	*H2	RV101	H8
C116	*E8	Q108	A5	R144	D8	R236	*E1	RV102	F8
C117	D7	Q109	B4	R145	D8	R237	*G1	RV103	G8
C118	*E8	Q110	D5	R146	D5	R238	*F1		
C119	D8	Q111	B3	R147	D5	R239	*A5	S100	D2
C120	E7	Q112	A4	R148	*D7	R240	*B4	S101	E2
C121	E7	Q113	G3	R149	*D2	R241	*C5	S102	F2
C122	E7	Q114	A3	R150	*E2	R242	*B3	S103	G2
C123	*D7	Q115	B4	R151	*F2	R243	*A3	S104	H2
C124	*D7	Q116	B4	R152	*G2	R244	*G3	S105	E1
C125	*D7	Q117	A2	R153	*G2	R245	*A3	S106	G1
C126	D7	Q118	B2	R154	*E1	R246	*B4	S107	F1
C127	D4	Q119	C1	R155	*G1	R247	*B4	S108	A5
C128	E8	Q120	C2	R156	*D2	R248	*A2	S109	B5
C129	D4	Q121	E2	R157	*E2	R249	*B2	S110	C5
C130	*C3	Q122	F2	R158	*F2	R250	*C1	S111	B4
C131	*E7	Q123	F2	R159	*G2	R251	*C2	S112	A4
C132	G7	Q124	G2	R160	*G2	R252	*E2	S113	H3
C133	*D2	Q125	H2	R161	*E1	R253	*F2	S114	A3
C134	D5	Q126	E1	R162	*G1	R254	*F2	S115	B4
C135	*E7	Q127	A2	R163	*F1	R255	*G2	S116	C4
C136	*D2	Q128	D3	R164	*A5	R256	*H2	S117	G1
C137	*E8	Q129	E3	R165	*B5	R257	*E1	S118	B2
C138	E8	Q130	A1	R166	*C5	R258	*A2	S119	B2
C201	*G7	Q131	C2	R167	*B3	R259	*D3	S120	C2
		Q132	E2	R168	*A3	R260	*E3	S121	C2
CN1	D1	Q133	G2	R169	*H3	R261	*A1	S122	A2
CN2	H6			R170	*A3	R262	*C2	S123	C2
CN5	H6	R1	*C6	R171	*F1	R263	*E2	S124	C1
CN100	*H5	R2	*B6	R172	*A5	R264	*G2	S125	C1
		R3	*A6	R173	*B5	R265	*G7	S126	B1
D100	*D7	R4	*A6	R174	*C5	R266	*G7	S127	B1
D101	*D7	R5	B3	R175	*B3	R267	*G7	S128	B1
D102	*D8	R6	B3	R176	*A3	R268	*G7	S129	B6
D103	*C8	R7	*C8	R177	*G3	R269	*D2	S130	A2
D104	D8	R12	*C7	R178	*A3	R270	*D2	S131	D3
D105	*D8	R13	*C7	R179	*G1	R271	*D3	S132	D3
D106	*C7	R14	*C7	R180	D7	R272	*D2	S133	B2
D107	*D7	R15	*C7	R181	*A4	R273	*D2	S134	C2
D108	*C7	R16	*C8	R182	*C4	R274	*D2	S135	H1
D109	*C7	R17	*A8	R183	*B2	R275	*D2	S136	C1
D110	B2	R18	*A8	R184	*B2	R276	*E7	S137	A1
D111	B2	R40	B3	R185	*B2	R277	*E7	S138	A1
D112	C2	R41	*C7	R186	*C2	R278	*E7	S139	B7
D113	C2	R42	*C7	R187	*B4	R279	*E7		
D114	E2	R51	*C7	R188	*C4	R280	E7	TP1	C7
D115	F2	R52	*C7	R189	*B2	R281	F7	TP101	E1
D116	F2	R61	*C6	R190	*B2	R282	E7	TP103	D1
D117	G2	R62	C7	R191	*C2	R283	E7		
D118	H2	R63	C7	R192	*C2	R284	E6	X100	D7
D119	F1	R100	*D7	R193	*G1	R285	E7		
D120	A2	R101	D7	R194	*G1	R286	E7	*:B SIDE	
D121	D3	R102	D4	R195	*B1	R287	*G7		
D122	D3	R103	D3	R196	*B1	R288	H6		
D123	A2	R104	D3	R197	*B1	R289	*F8		
D124	C2	R105	D4	R198	*B6	R290	*H8		
D125	F2	R106	*D4	R199	*A2	R291	*F8		
D126	G2	R107	*D3	R200	*C2	R292	*G8		
		R108	*D2	R201	*C1	R300	*H6		
E100	B3	R109	*D2	R202	*C1	R301	*H6		
		R110	*D2	R203	*A2	R302	*H6		



KY-446 -A SIDE-
SUFFIX: -12

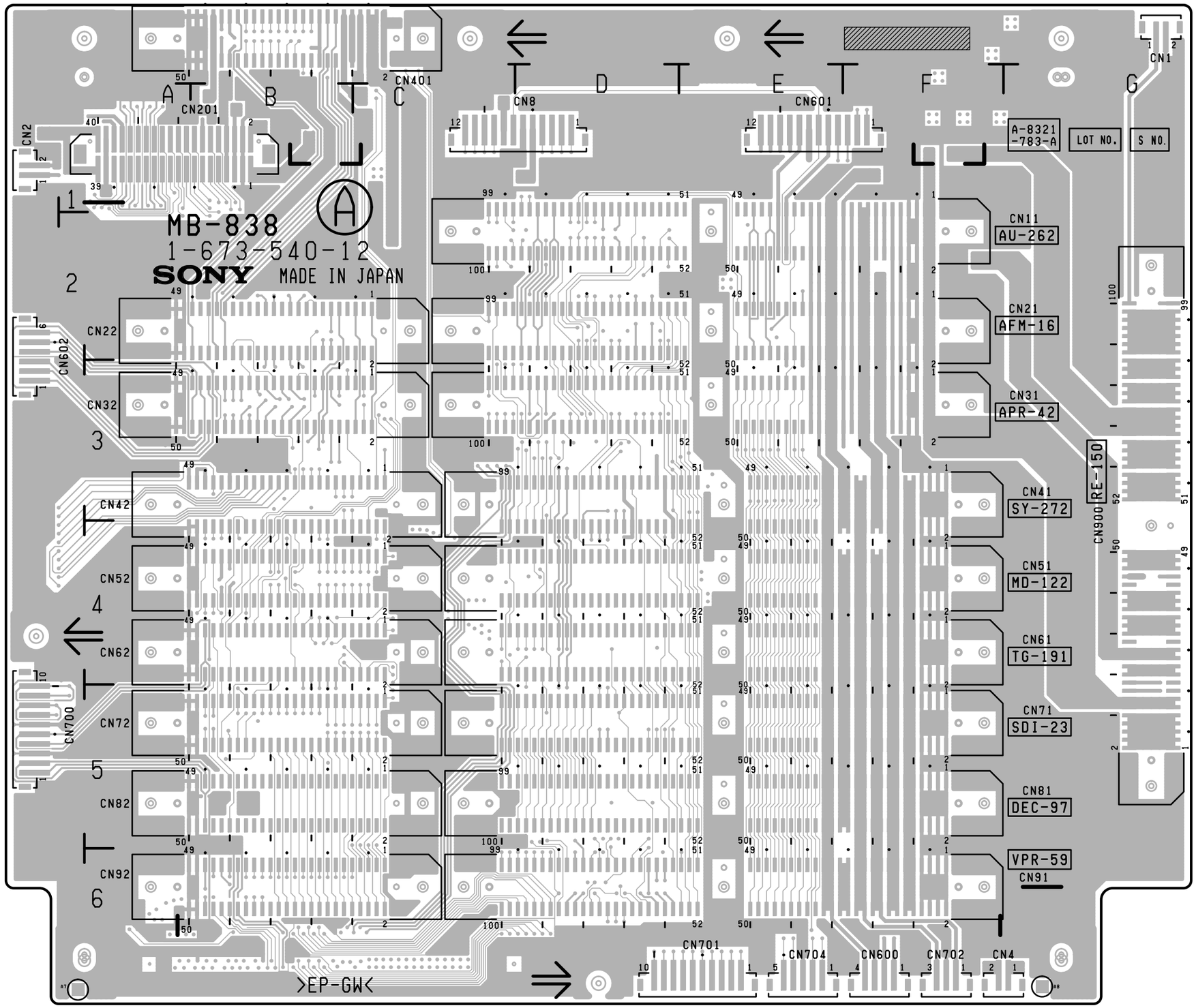


KY-446 -B SIDE-
SUFFIX: -12

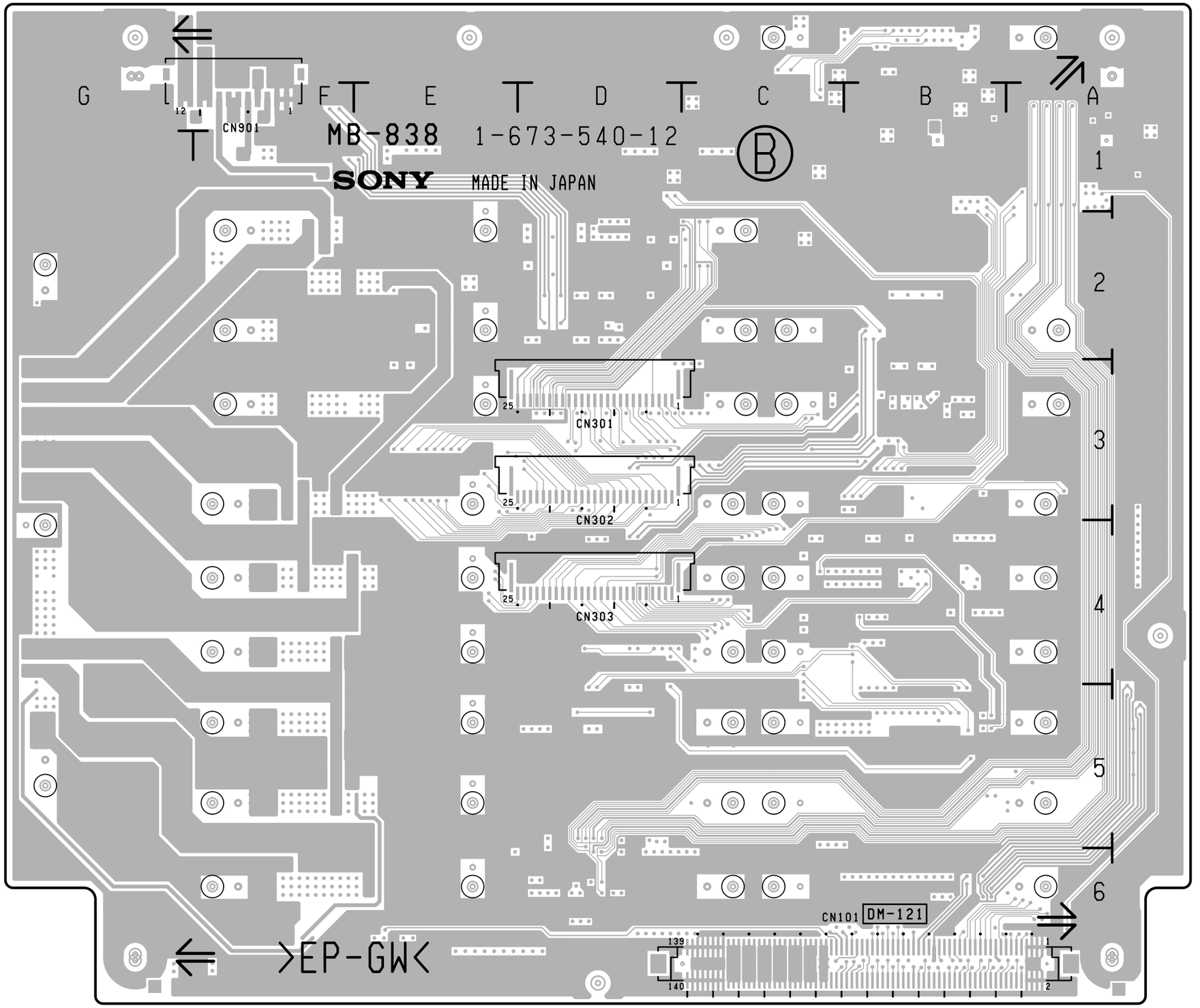
MB-838(1-673-540-12)

A7	A6
A8	G6
CN1	G1
CN2	A1
CN4	G6
CN8	D1
CN11	E2
CN21	E2
CN22	B2
CN31	E3
CN32	B3
CN41	E3
CN42	B3
CN51	E4
CN52	B4
CN61	E4
CN62	B4
CN71	E5
CN72	B5
CN81	E5
CN82	B5
CN91	E6
CN92	B6
CN101	*B6
CN201	A1
CN301	*D3
CN302	*D3
CN303	*D4
CN401	B1
CN600	F6
CN601	E1
CN602	A2
CN700	A5
CN701	E6
CN702	F6
CN704	E6
CN900	G4
CN901	*F1

*:B SIDE



MB-838 -A SIDE-
SUFFIX: -12

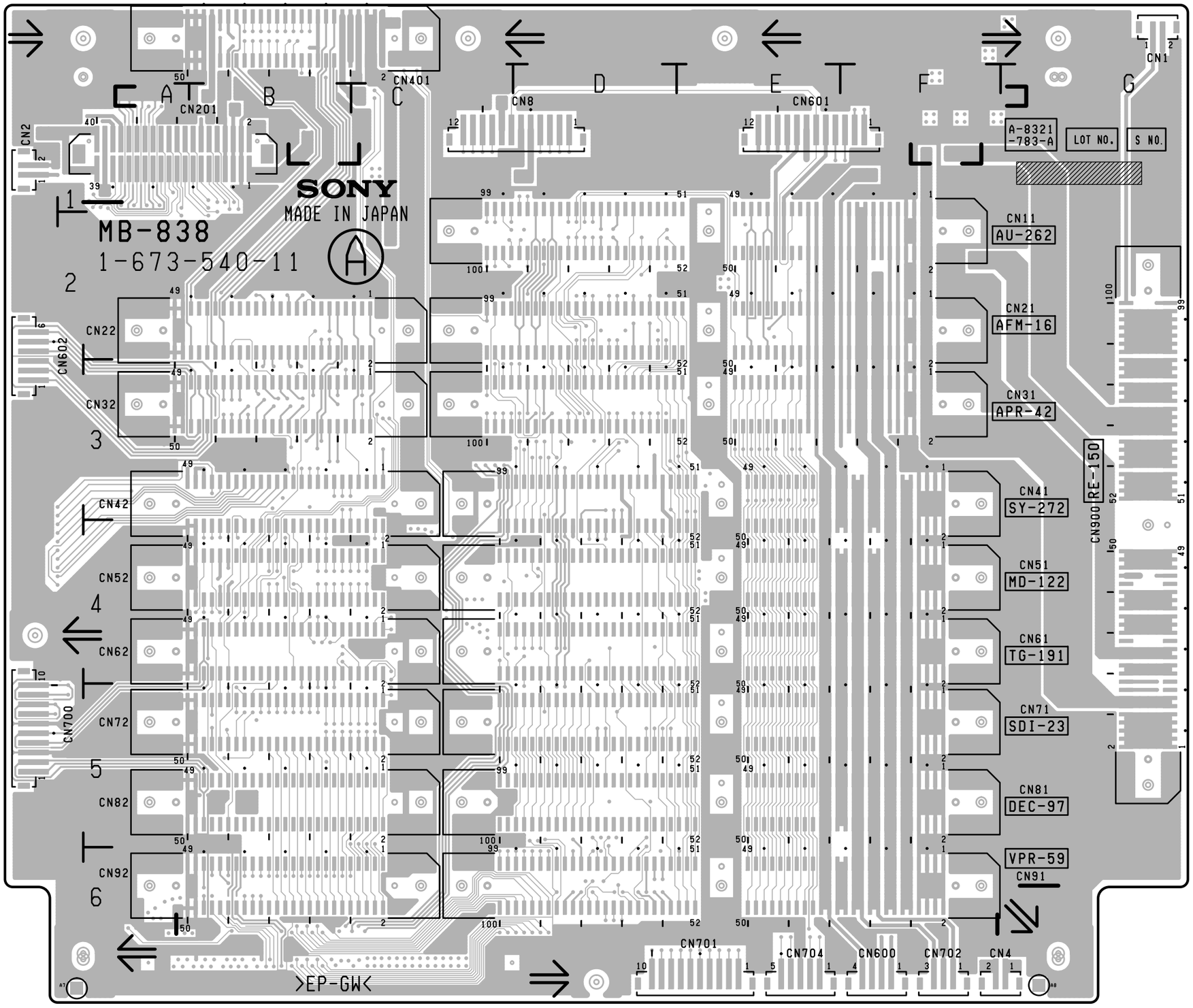


MB-838 -B SIDE-
SUFFIX: -12

MB-838(1-673-540-11)

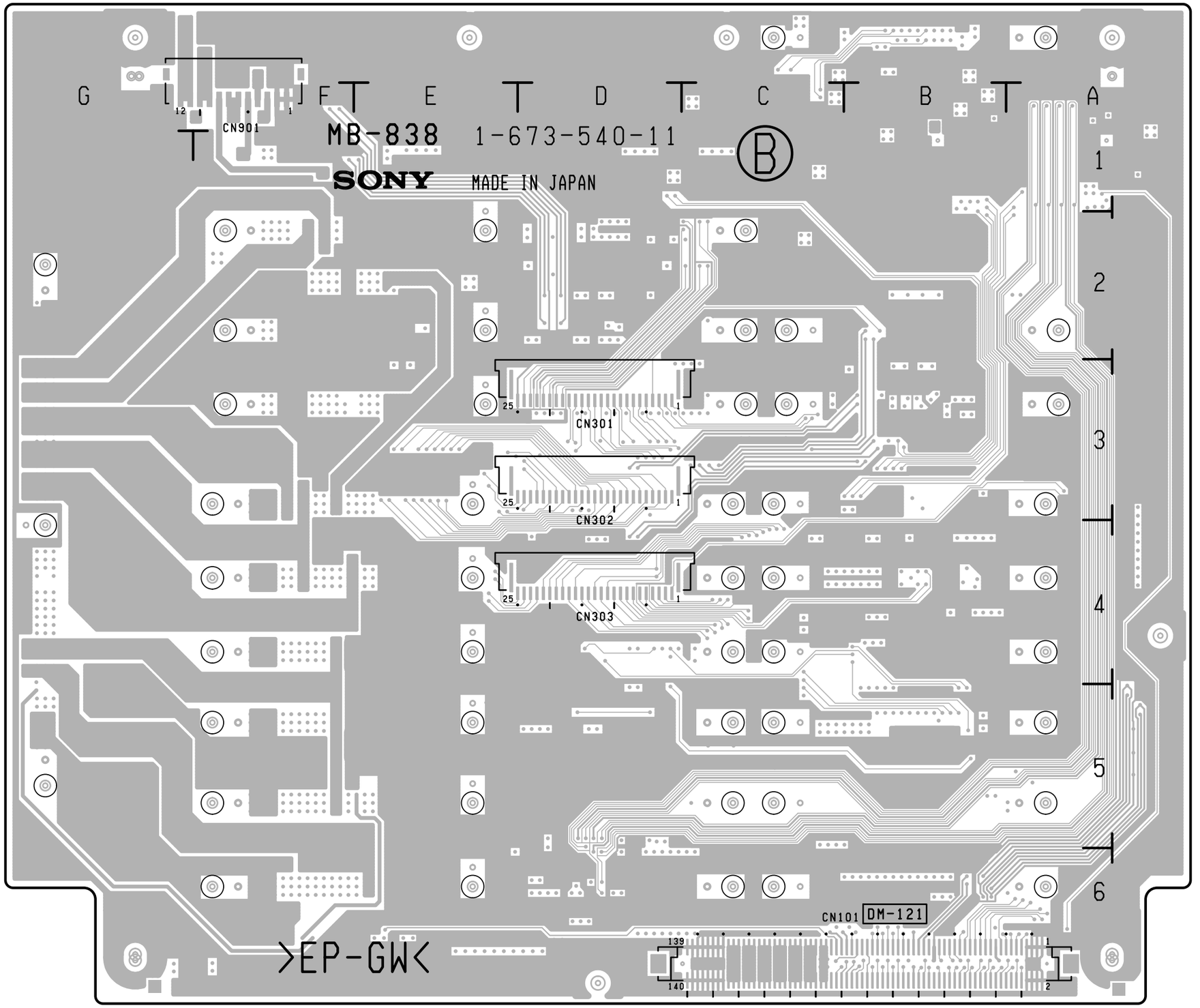
A7	A6
A8	G6
CN1	G1
CN2	A1
CN4	G6
CN8	D1
CN11	E2
CN21	E2
CN22	B2
CN31	E3
CN32	B3
CN41	E3
CN42	B3
CN51	E4
CN52	B4
CN61	E4
CN62	B4
CN71	E5
CN72	B5
CN81	E5
CN82	B5
CN91	E6
CN92	B6
CN101	*B6
CN201	A1
CN301	*D3
CN302	*D3
CN303	*D4
CN401	B1
CN600	F6
CN601	E1
CN602	A2
CN700	A5
CN701	E6
CN702	F6
CN704	E6
CN900	G4
CN901	*F1

*:B SIDE



MB-838 -A SIDE-
SUFFIX: -11

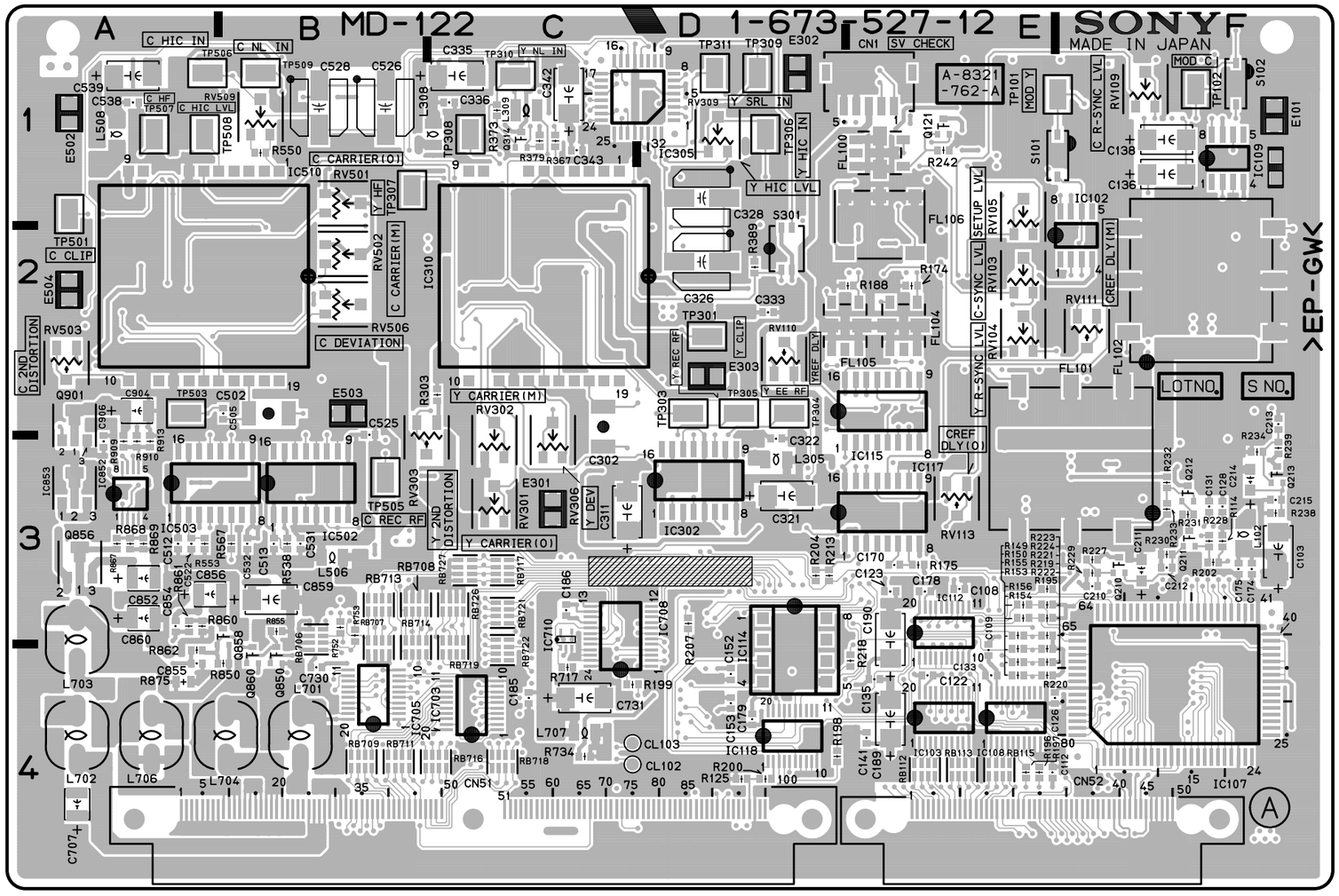
http://getMANUAL.com



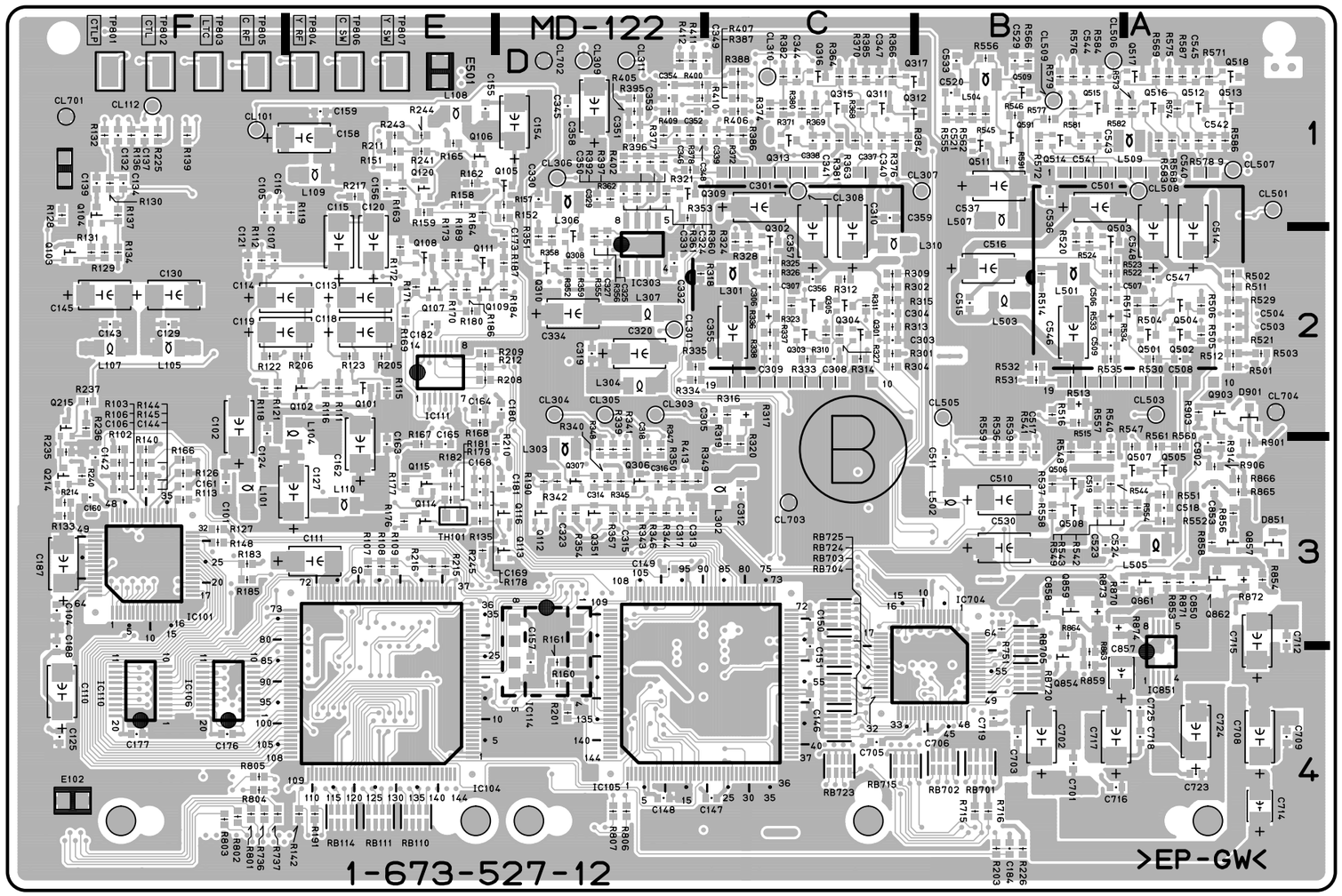
MB-838 -B SIDE-
SUFFIX: -11

MD-122(1-673-527-12)

C101	*F3	C304	*C2	C540	*A1	IC101	*F3	Q304	*C2
C102	*F2	C305	*C2	C541	*B1	IC102	F2	Q305	*C2
C103	F3	C306	*C2	C542	*A1	IC103	E4	Q306	*D3
C104	*F3	C307	*C2	C543	*B1	IC104	*E4	Q307	*D3
C105	*F1	C308	*C2	C544	*B1	IC105	*D4	Q308	*D2
C106	*F3	C309	*C2	C545	*A1	IC106	*F4	Q309	*D1
C107	*F2	C310	*C2	C546	*B2	IC107	F4	Q310	*D2
C108	E3	C311	C3	C547	*A2	IC108	E4	Q311	*C1
C109	E4	C312	*C3	C548	*A2	IC109	F1	Q312	*C1
C110	*F4	C313	*D3	C701	*B4	IC110	*F4	Q313	*C1
C111	*E3	C314	*D3	C702	*B4	IC111	*E2	Q314	C1
C112	E4	C315	*D3	C703	*B4	IC112	E4	Q315	*C1
C113	*E2	C316	*D3	C705	*C4	IC114	D3	Q316	*C1
C114	*F2	C317	*D3	C706	*B4	IC115	D3	Q317	*C1
C115	*E2	C318	*D3	C707	A4	IC117	D3	Q351	*D3
C116	*F1	C319	*D2	C708	*A4	IC118	D4	Q501	*A2
C118	*E2	C320	*D2	C709	*A4	IC302	D3	Q502	*A2
C119	*F2	C321	D3	C712	*A3	IC303	*D2	Q503	*B2
C120	*E2	C322	D3	C714	*A4	IC305	D1	Q504	*A2
C121	*F2	C323	*D3	C715	*A3	IC310	C1	Q505	*A3
C122	E4	C324	*D1	C716	*B4	IC502	B3	Q506	*B3
C123	E3	C325	*D2	C717	*B4	IC503	A3	Q507	*A3
C124	*F2	C326	D2	C718	*A4	IC510	B1	Q508	*B3
C125	*F4	C327	*D2	C719	*B4	IC703	C4	Q509	*B1
C126	F4	C328	D1	C723	*A4	IC704	*B4	Q511	*B1
C127	*E3	C329	*D1	C724	*A4	IC705	B4	Q512	*A1
C128	F3	C330	*D1	C725	*A4	IC708	D4	Q513	*A1
C129	*F2	C331	*D1	C730	B4	IC710	C3	Q514	*B1
C130	*F2	C332	*D2	C731	C4	IC851	*A4	Q515	*B1
C131	F3	C333	D2	C850	*A3	IC852	A3	Q516	*A1
C132	*F1	C334	*D2	C852	A3	IC853	A3	Q517	*A1
C133	E4	C335	C1	C853	*A3			Q518	*A1
C134	*F1	C336	C1	C854	A3	L101	*F3	Q591	*B1
C135	E4	C337	*C1	C855	A4	L102	F3	Q850	B4
C136	F1	C338	*C1	C856	A3	L104	*E2	Q854	*B4
C137	*F1	C339	*C1	C857	*B4	L105	*F2	Q856	A3
C138	F1	C340	*C1	C858	*B3	L107	*F2	Q857	*A3
C139	*F1	C341	*C1	C859	B3	L108	*E1	Q858	B3
C141	E4	C342	C1	C860	A3	L109	*E1	Q859	*B3
C142	*F3	C343	C1	C902	*A3	L110	*E3	Q860	B4
C143	*F2	C344	*C1	C904	A2	L301	*C2	Q861	*A3
C144	*F3	C345	*D1	C906	A3	L302	*C3	Q862	*A3
C145	*F2	C346	*D1			L303	*D3	Q901	A2
C146	*C4	C347	*C1	CL101	*F1	L304	*D2	Q903	*A2
C147	*C4	C348	*D1	CL102	C4	L305	D3		
C148	*D4	C349	*C1	CL103	C4	L306	*D1	R102	*F3
C149	*D3	C350	*D1	CL112	*F1	L307	*D2	R103	*F3
C150	*C3	C351	*D1	CL301	*D2	L308	C1	R106	*F3
C151	*C4	C352	*D1	CL303	*D2	L309	C1	R107	*E3
C152	D4	C353	*D1	CL304	*D2	L310	*C2	R108	*E3
C153	D4	C354	*D1	CL305	*D2	L501	*B2	R109	*E3
C154	*D1	C355	*C2	CL306	*D1	L502	*B3	R111	*E2
C155	*E1	C356	*C2	CL307	*B1	L503	*B2	R112	*F2
C156	*E1	C357	*C2	CL308	*C1	L504	*B1	R113	*F3
C157	*D4	C358	*D1	CL309	*D1	L505	*A3	R114	F3
C158	*E1	C359	*C1	CL310	*C1	L506	B3	R115	*E2
C159	*E1	C501	*B1	CL311	*D1	L507	*B1	R116	*E2
C160	*F3	C502	B2	CL501	*A1	L508	A1	R118	*F2
C161	*F3	C503	*A2	CL503	*A2	L509	*A1	R119	*E1
C162	*E3	C504	*A2	CL505	*B2	L701	B4	R121	*F2
C163	*E3	C505	B2	CL506	*B1	L702	A4	R122	*F2
C164	*E2	C506	*B2	CL507	*A1	L703	A3	R123	*E2
C165	*E3	C507	*B2	CL508	*A1	L704	B4	R125	D4
C168	*E3	C508	*A2	CL509	*B1	L706	A4	R126	*F3
C169	*E3	C509	*B2	CL701	*F1	L707	C4	R127	*F3
C170	E3	C510	*B3	CL702	*D1			R128	*F1
C173	*D2	C511	*B3	CL703	*C3	Q101	*E2	R129	*F2
C174	F3	C512	A3	CL704	*A2	Q102	*E2	R130	*F1
C175	F3	C513	B3			Q103	*F2	R131	*F2
C176	*F4	C514	*A2	CN1	E1	Q104	*F1	R132	*F1
C177	*F4	C515	*B2	CN51	C4	Q105	*D1	R133	*F3
C178	E3	C516	*B2	CN52	E4	Q106	*E1	R134	*F2
C179	D4	C517	*B3			Q107	*E2	R135	*E3
C180	*D2	C518	*A3	D851	*A3	Q108	*E2	R136	*F1
C181	*D3	C519	*B3	D901	*A2	Q109	*E2	R137	*F1
C182	*E2	C520	*B1			Q111	*E2	R139	*F1
C184	*B4	C521	*B1	E101	F1	Q112	*D3	R140	*F3
C185	C4	C522	A3	E102	*F4	Q113	*D3	R142	*E4
C186	C3	C523	*B3	E301	C3	Q114	*E3	R144	*F3
C187	*F3	C524	*B3	E302	D1	Q115	*E3	R145	*F3
C188	*F4	C525	B2	E303	D2	Q116	*D3	R148	*F3
C189	E4	C526	B1	E501	*E1	Q120	*E1	R149	E3
C190	E3	C528	B1	E502	A1	Q121	E1	R150	E3
C210	F3	C529	*B1	E503	B2	Q210	F3	R151	*E1
C211	F3	C530	*B3	E504	A2	Q211	F3	R152	*D1
C212	F3	C531	B3			Q212	F3	R153	E4
C213	F2	C532	B3	FL100	E1	Q213	F3	R154	E4
C214	F3	C533	*B1	FL101	F3	Q214	*F3	R155	E3
C215	F3	C536	*B1	FL102	F2	Q215	*F2	R156	E4
C301	*C1	C537	*B1	FL104	E2	Q301	*C2	R157	*D1
C302	C2	C538	A1	FL105	D2	Q302	*C2	R158	*E1
C303	*C2	C539	A1	FL106	E1	Q303	*C2	R159	*E1



MD-122 -A SIDE-
SUFFIX: -12



MD-122 -B SIDE-
SUFFIX: -12

R160	*D4	R314	*C2	R515	*B2	R867	A3
R161	*D4	R315	*C2	R516	*B2	R868	A3
R162	*E1	R316	*C2	R517	*A2	R869	A3
R163	*E1	R317	*C2	R520	*B2	R870	*B3
R164	*E1	R318	*D2	R521	*A2	R871	*A3
R165	*E1	R319	*C3	R522	*B2	R872	*A3
R166	*F3	R320	*C3	R523	*B2	R873	*B3
R167	*E3	R321	*D1	R524	*B2	R874	*B3
R168	*E2	R323	*C2	R529	*A2	R875	A4
R169	*E2	R324	*C2	R530	*A2	R901	*A3
R170	*E2	R325	*C2	R531	*B2	R903	*A2
R171	*E2	R326	*C2	R532	*B2	R906	*A3
R172	*E2	R327	*C2	R533	*B2	R909	A3
R173	*E2	R328	*C2	R534	*B2	R910	A3
R174	E2	R333	*C2	R535	*B2	R913	A3
R175	E3	R334	*D2	R536	*B3	R914	*A3
R176	*E3	R335	*D2	R537	*B3		
R177	*E3	R336	*C2	R538	B3	RB110	*E4
R178	*E3	R337	*C2	R539	*B3	RB111	*E4
R179	*E3	R338	*C2	R540	*B3	RB112	E4
R180	*E2	R339	*D3	R541	*B3	RB113	E4
R181	*E3	R340	*D3	R542	*B3	RB114	*E4
R182	*E3	R341	*D3	R543	*B3	RB115	E4
R183	*F3	R342	*D3	R544	*B3	RB701	*B4
R184	*D2	R343	*D3	R545	*B1	RB702	*B4
R185	*F3	R344	*D3	R546	*B1	RB703	*C4
R186	*E2	R345	*D3	R547	*A3	RB704	*C4
R187	*D2	R346	*D3	R548	*B3	RB705	*B3
R188	E2	R347	*D3	R549	*B3	RB706	B3
R189	*E2	R348	*D3	R550	B1	RB707	B4
R190	*D3	R349	*D3	R551	*A3	RB708	B3
R191	*E4	R350	*D3	R552	*A3	RB709	B4
R195	E3	R351	*D2	R553	A3	RB711	B4
R196	E4	R352	*D2	R554	*A3	RB713	B3
R197	E4	R353	*D1	R555	*B1	RB714	B4
R198	D4	R354	*D3	R556	*B1	RB715	*C4
R199	C4	R355	*D2	R557	*B3	RB716	C4
R200	D4	R356	*D2	R558	*B3	RB717	C3
R201	*D4	R357	*D3	R559	*B3	RB718	C4
R202	F3	R358	*D2	R560	*A3	RB719	C4
R203	*B4	R359	*D2	R561	*A3	RB720	*B4
R204	D3	R360	*D1	R562	*B1	RB721	C3
R205	*E2	R361	*D1	R566	*B1	RB722	C4
R206	*E2	R362	*D1	R567	B3	RB723	*C4
R207	D3	R363	*C1	R568	*A1	RB724	*C4
R208	*E2	R364	*C1	R569	*A1	RB725	*C3
R209	*E2	R366	*C1	R571	*A1	RB726	C3
R210	*D3	R367	C1	R572	*B1	RB727	C3
R211	*E1	R368	*C1	R573	*A1		
R212	*E2	R369	*C1	R574	*A1	RV103	E2
R213	D3	R370	*C1	R575	*A1	RV104	E2
R214	*F3	R371	*C1	R576	*B1	RV105	E1
R215	*E3	R372	*C1	R577	*B1	RV109	F1
R216	*E3	R373	C1	R578	*A1	RV110	D2
R217	*E1	R374	*C1	R579	*B1	RV111	F2
R218	E4	R376	*C1	R581	*B1	RV113	E3
R219	E4	R377	*D1	R582	*B1	RV301	C3
R220	E4	R378	*D1	R583	*A1	RV302	C3
R221	E3	R379	C1	R584	*B1	RV303	B3
R222	E4	R380	*C1	R586	*A1	RV306	C3
R223	E3	R381	*C1	R587	*A1	RV309	D1
R224	E3	R382	*C1	R591	*B1	RV501	B1
R225	*F1	R384	*C1	R715	*B4	RV502	B2
R226	*B4	R385	*C1	R716	*B4	RV503	A2
R227	F3	R386	*C1	R717	C4	RV506	B2
R228	F3	R387	*C1	R734	C4	RV509	B1
R229	F3	R388	*C1	R736	*F4		
R230	F3	R389	D2	R737	*F4	S101	F1
R231	F3	R392	*D1	R751	*B3	S102	F1
R232	F3	R395	*D1	R752	B3	S301	D2
R233	F3	R396	*D1	R753	B3		
R234	F3	R397	*D1	R801	*F4	TH101	*E3
R235	*F3	R400	*D1	R802	*F4		
R236	*F2	R402	*D1	R803	*F4	TP101	F1
R237	*F2	R405	*D1	R804	*F4	TP102	F1
R238	F3	R406	*C1	R805	*F4	TP301	D2
R239	F3	R407	*C1	R806	*D4	TP303	D2
R240	*F3	R409	*D1	R807	*D4	TP304	D2
R241	*E1	R410	*D1	R850	B4	TP305	D2
R242	E1	R411	*D1	R853	*A3	TP306	D1
R243	*E1	R412	*D1	R854	*A3	TP307	B1
R244	*E1	R413	*D3	R855	B3	TP308	C1
R245	*E3	R501	*A2	R856	*A3	TP309	D1
R301	*C2	R502	*A2	R858	*A3	TP310	C1
R302	*C2	R503	*A2	R859	*B4	TP311	D1
R303	C2	R504	*A2	R860	A3	TP501	A1
R304	*C2	R505	*A2	R861	A3	TP503	A2
R309	*C2	R506	*A2	R862	A4	TP505	B3
R310	*C2	R511	*A2	R863	*B4	TP506	A1
R311	*C2	R512	*A2	R864	*B3	TP507	A1
R312	*C2	R513	*B2	R865	*A3	TP508	A1
R313	*C2	R514	*B2	R866	*A3	TP509	B1

*:B SIDE

MD-122(1-673-527-11)

C101	*F3	C304	*C2	C540	*A1	IC104	*E4
C102	*F2	C305	*C2	C541	*B1	IC105	*D4
C103	F3	C306	*C2	C542	*A1	IC106	*F4
C104	*F3	C307	*C2	C543	*B1	IC107	F4
C105	*F1	C308	*C2	C544	*B1	IC108	E4
C106	*F3	C309	*C2	C545	*A1	IC109	F1
C107	*F2	C310	*C2	C546	*B2	IC110	*F4
C108	E3	C311	C3	C547	*A2	IC111	*E2
C109	E4	C312	*C3	C548	*A2	IC112	E4
C110	*F4	C313	*D3	C701	*B4	IC114	D3
C111	*E3	C314	*D3	C702	*B4	IC115	D3
C112	E4	C315	*D3	C703	*B4	IC117	D3
C113	*E2	C316	*D3	C705	*C4	IC118	D4
C114	*F2	C317	*D3	C706	*B4	IC302	D3
C115	*E2	C318	*D3	C707	A4	IC303	*D2
C116	*F1	C319	*D2	C708	*A4	IC305	D1
C118	*E2	C320	*D2	C709	*A4	IC310	C1
C119	*F2	C321	D3	C712	*A3	IC502	B3
C120	*E2	C322	D3	C714	*A4	IC503	A3
C121	*F2	C323	*D3	C715	*A3	IC510	B1
C122	E4	C324	*D1	C716	*B4	IC703	C4
C123	E3	C325	*D2	C717	*B4	IC704	*B4
C124	*F2	C326	D2	C718	*A4	IC705	B4
C125	*F4	C327	*D2	C719	*B4	IC708	D4
C126	F4	C328	D1	C723	*A4	IC710	C3
C127	*E3	C329	*D1	C724	*A4	IC851	*A4
C128	F3	C330	*D1	C725	*A4	IC852	A3
C129	*F2	C331	*D1	C730	B4	IC853	A3
C130	*F2	C332	*D2	C731	C4		
C131	F3	C333	D2	C850	*A3	L101	*F3
C132	*F1	C334	*D2	C852	A3	L102	F3
C133	E4	C335	C1	C853	*A3	L104	*E2
C134	*F1	C336	C1	C854	A3	L105	*F2
C135	E4	C337	*C1	C855	A4	L107	*F2
C136	F1	C338	*C1	C856	A3	L108	*E1
C137	*F1	C339	*C1	C857	*B4	L109	*E1
C138	F1	C340	*C1	C858	*B3	L110	*E3
C139	*F1	C341	*C1	C859	B3	L301	*C2
C141	E4	C342	C1	C860	A3	L302	*C3
C142	*F3	C343	C1			L303	*D3
C143	*F2	C344	*C1	CL101	*F1	L304	*D2
C144	*F3	C345	*D1	CL102	C4	L305	D3
C145	*F2	C346	*D1	CL103	C4	L306	*D1
C146	*C4	C347	*C1	CL112	*F1	L307	*D2
C147	*C4	C348	*D1	CL301	*D2	L308	C1
C148	*D4	C349	*C1	CL303	*D2	L309	C1
C149	*D3	C350	*D1	CL304	*D2	L310	*C2
C150	*C3	C351	*D1	CL305	*D2	L501	*B2
C151	*C4	C352	*D1	CL306	*D1	L502	*B3
C152	D4	C353	*D1	CL307	*B1	L503	*B2
C153	D4	C354	*D1	CL308	*C1	L504	*B1
C154	*D1	C355	*C2	CL309	*D1	L505	*A3
C155	*E1	C356	*C2	CL310	*C1	L506	B3
C156	*E1	C357	*C2	CL311	*D1	L507	*B1
C157	*D4	C358	*D1	CL501	*A1	L508	A1
C158	*E1	C359	*C1	CL503	*A2	L509	*A1
C159	*E1	C501	*B1	CL505	*B2	L701	B4
C160	*F3	C502	B2	CL506	*B1	L702	A4
C161	*F3	C503	*A2	CL507	*A1	L703	A3
C162	*E3	C504	*A2	CL508	*A1	L704	B4
C163	*E3	C505	B2	CL509	*B1	L706	A4
C164	*E2	C506	*B2	CL701	*F1	L707	C4
C165	*E3	C507	*B2	CL702	*D1		
C168	*E3	C508	*A2	CL703	*C3	Q101	*E2
C169	*E3	C509	*B2	CL704	*A2	Q102	*E2
C170	E3	C510	*B3			Q103	*F2
C173	*D2	C511	*B3	CN1	E1	Q104	*F1
C174	F3	C512	A3	CN51	C4	Q105	*D1
C175	F3	C513	B3	CN52	E4	Q106	*E1
C176	*F4	C514	*A2			Q107	*E2
C177	*F4	C515	*B2	D851	*A3	Q108	*E2
C178	E3	C516	*B2			Q109	*E2
C179	D4	C517	*B3	E101	F1	Q111	*E2
C180	*D2	C518	*A3	E102	*F4	Q112	*D3
C181	*D3	C519	*B3	E301	C3	Q113	*D3
C182	*E2	C520	*B1	E302	D1	Q114	*E3
C184	*B4	C521	*B1	E303	D2	Q115	*E3
C185	C4	C522	A3	E501	*E1	Q116	*D3
C186	C3	C523	*B3	E502	A1	Q120	*E1
C187	*F3	C524	*B3	E503	B2	Q121	E1
C188	*F4	C525	B2	E504	A2	Q210	F3
C189	E4	C526	B1			Q211	F3
C190	E3	C528	B1	FL100	E1	Q212	F3
C210	F3	C529	*B1	FL101	F3	Q213	F3
C211	F3	C530	*B3	FL102	F2	Q214	*F3
C212	F3	C531	B3	FL104	E2	Q215	*F2
C213	F2	C532	B3	FL105	D2	Q301	*C2
C214	F3	C533	*B1	FL106	E1	Q302	*C2
C215	F3	C536	*B1			Q303	*C2
C301	*C1	C537	*B1	IC101	*F3	Q304	*C2
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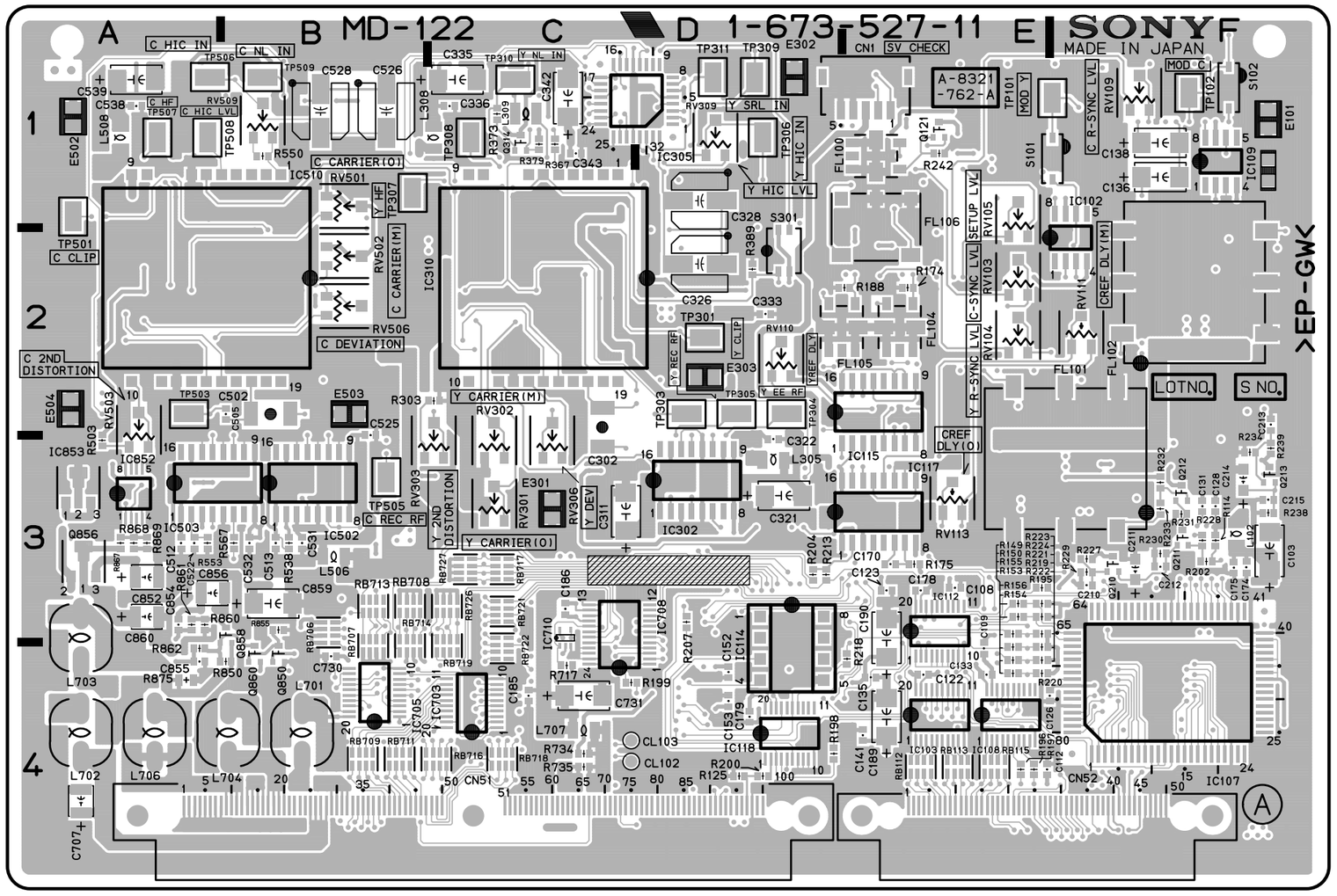
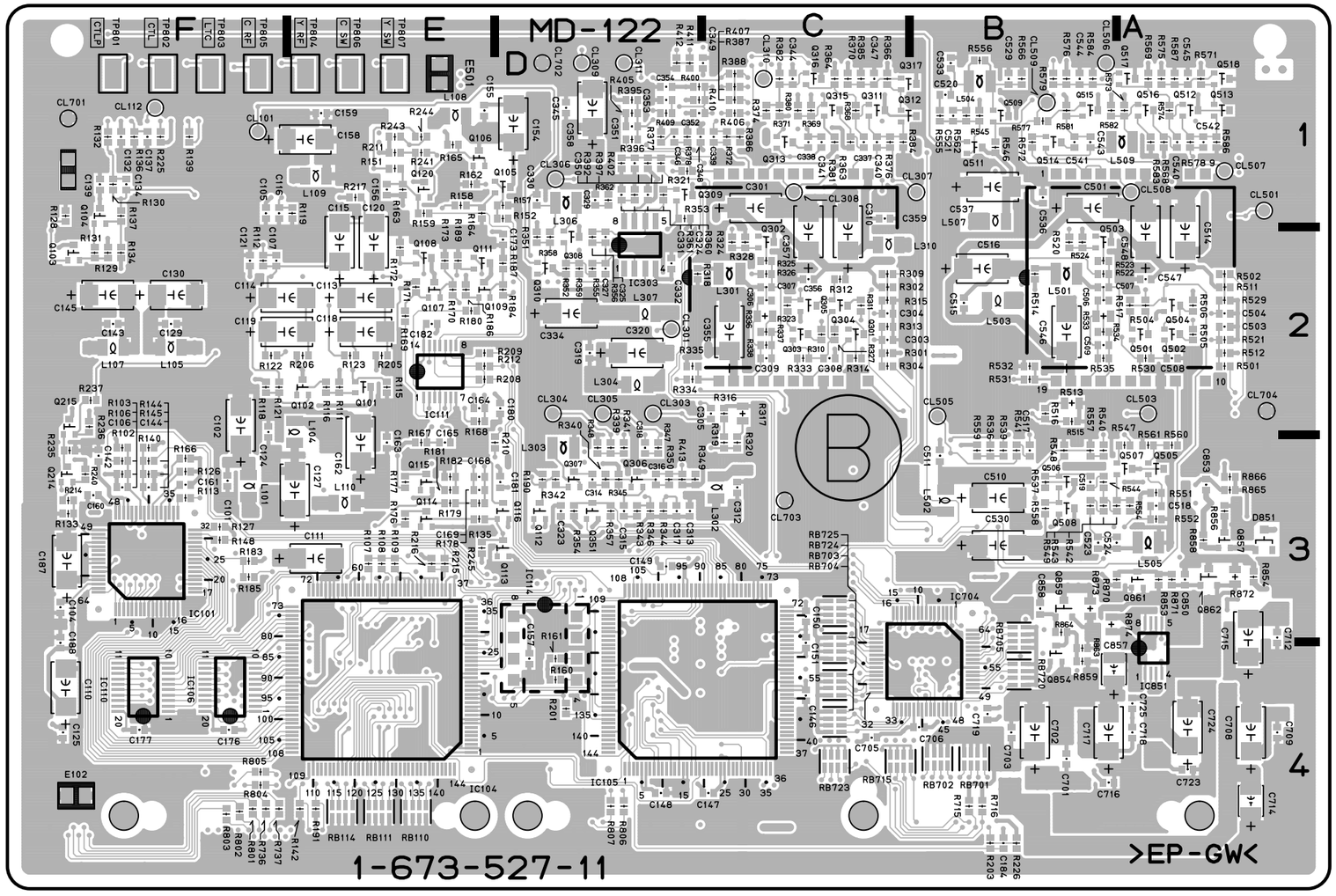
C303	*C2	C539	A1	IC103	E4	Q306	*D3



MD-122 -A SIDE-
SUFFIX: -11



MD-122 -B SIDE-

SUFFIX: -11

Q307	*D3	R166	*F3	R320	*C3	R523	*B2	RB110	*E4						
Q308	*D2	R167	*E3	R321	*D1	R524	*B2	RB111	*E4						
Q309	*D1	R168	*E2	R323	*C2	R529	*A2	RB112	E4						
Q310	*D2	R169	*E2	R324	*C2	R530	*A2	RB113	E4						
Q311	*C1	R170	*E2	R325	*C2	R531	*B2	RB114	*E4						
Q312	*C1	R171	*E2	R326	*C2	R532	*B2	RB115	E4						
Q313	*C1	R172	*E2	R327	*C2	R533	*B2	RB701	*B4						
Q314	C1	R173	*E2	R328	*C2	R534	*B2	RB702	*B4						
Q315	*C1	R174	E2	R333	*C2	R535	*B2	RB703	*C4						
Q316	*C1	R175	E3	R334	*D2	R536	*B3	RB704	*C4						
Q317	*C1	R176	*E3	R335	*D2	R537	*B3	RB705	*B3						
Q351	*D3	R177	*E3	R336	*C2	R538	B3	RB706	B3						
Q501	*A2	R178	*E3	R337	*C2	R539	*B3	RB707	B4						
Q502	*A2	R179	*E3	R338	*C2	R540	*B3	RB708	B3						
Q503	*B2	R180	*E2	R339	*D3	R541	*B3	RB709	B4						
Q504	*A2	R181	*E3	R340	*D3	R542	*B3	RB711	B4						
Q505	*A3	R182	*E3	R341	*D3	R543	*B3	RB713	B3						
Q506	*B3	R183	*F3	R342	*D3	R544	*B3	RB714	B4						
Q507	*A3	R184	*D2	R343	*D3	R545	*B1	RB715	*C4						
Q508	*B3	R185	*F3	R344	*D3	R546	*B1	RB716	C4						
Q509	*B1	R186	*E2	R345	*D3	R547	*A3	RB717	C3						
Q511	*B1	R187	*D2	R346	*D3	R548	*B3	RB718	C4						
Q512	*A1	R188	E2	R347	*D3	R549	*B3	RB719	C4						
Q513	*A1	R189	*E2	R348	*D3	R550	B1	RB720	*B4						
Q514	*B1	R190	*D3	R349	*D3	R551	*A3	RB721	C3						
Q515	*B1	R191	*E4	R350	*D3	R552	*A3	RB722	C4						
Q516	*A1	R195	E3	R351	*D2	R553	A3	RB723	*C4						
Q517	*A1	R196	E4	R352	*D2	R554	*A3	RB724	*C4						
Q518	*A1	R197	E4	R353	*D1	R555	*B1	RB725	*C3						
Q850	B4	R198	D4	R354	*D3	R556	*B1	RB726	C3						
Q854	*B4	R199	C4	R355	*D2	R557	*B3	RB727	C3						
Q856	A3	R200	D4	R356	*D2	R558	*B3								
Q857	*A3	R201	*D4	R357	*D3	R559	*B3	RV103	E2						
Q858	B3	R202	F3	R358	*D2	R560	*A3	RV104	E2						
Q859	*B3	R203	*B4	R359	*D2	R561	*A3	RV105	E1						
Q860	B4	R204	D3	R360	*D1	R562	*B1	RV109	F1						
Q861	*A3	R205	*E2	R361	*D1	R566	*B1	RV110	D2						
Q862	*A3	R206	*E2	R362	*D1	R567	B3	RV111	F2						
		R207	D3	R363	*C1	R568	*A1	RV113	E3						
R102	*F3	R208	*E2	R364	*C1	R569	*A1	RV301	C3						
R103	*F3	R209	*E2	R366	*C1	R571	*A1	RV302	C3						
R106	*F3	R210	*D3	R367	C1	R572	*B1	RV303	C3						
R107	*E3	R211	*E1	R368	*C1	R573	*A1	RV306	C3						
R108	*E3	R212	*E2	R369	*C1	R574	*A1	RV309	D1						
R109	*E3	R213	D3	R370	*C1	R575	*A1	RV501	B1						
R111	*E2	R214	*F3	R371	*C1	R576	*B1	RV502	B2						
R112	*F2	R215	*E3	R372	*C1	R577	*B1	RV503	A2						
R113	*F3	R216	*E3	R373	C1	R578	*A1	RV506	B2						
R114	F3	R217	*E1	R374	*C1	R579	*B1	RV509	B1						
R115	*E2	R218	E4	R376	*C1	R581	*B1								
R116	*E2	R219	E4	R377	*D1	R582	*B1	S101	F1						
R118	*F2	R220	E4	R378	*D1	R583	*A1	S102	F1						
R119	*E1	R221	E3	R379	C1	R584	*B1	S301	D2						
R121	*F2	R222	E4	R380	*C1	R586	*A1								
R122	*F2	R223	E3	R381	*C1	R587	*A1	TP101	F1						
R123	*E2	R224	E3	R382	*C1	R715	*B4	TP102	F1						
R125	D4	R225	*F1	R384	*C1	R716	*B4	TP301	D2						
R126	*F3	R226	*B4	R385	*C1	R717	C4	TP303	D2						
R127	*F3	R227	F3	R386	*C1	R734	C4	TP304	D2						
R128	*F1	R228	F3	R387	*C1	R735	C4	TP305	D2						
R129	*F2	R229	F3	R388	*C1	R736	*F4	TP306	D1						
R130	*F1	R230	F3	R389	D2	R737	*F4	TP307	B1						
R131	*F2	R231	F3	R392	*D1	R801	*F4	TP308	C1						
R132	*F1	R232	F3	R395	*D1	R802	*F4	TP309	D1						
R133	*F3	R233	F3	R396	*D1	R803	*F4	TP310	C1						
R134	*F2	R234	F3	R397	*D1	R804	*F4	TP311	D1						
R135	*E3	R235	*F3	R400	*D1	R805	*F4	TP501	A1						
R136	*F1	R236	*F2	R402	*D1	R806	*D4	TP503	A2						
R137	*F1	R237	*F2	R405	*D1	R807	*D4	TP505	B3						
R139	*F1	R238	F3	R406	*C1	R850	B4	TP506	A1						
R140	*F3	R239	F3	R407	*C1	R853	*A3	TP507	A1						
R142	*E4	R240	*F3	R409	*D1	R854	*A3	TP508	A1						
R144	*F3	R241	*E1	R410	*D1	R855	B3	TP509	B1						
R145	*F3	R242	E1	R411	*D1	R856	*A3	TP801	*F1						
R148	*F3	R243	*E1	R412	*D1	R858	*A3	TP802	*F1						
R149	E3	R244	*E1	R413	*D3	R859	*B4	TP803	*F1						
R150	E3	R245	*E3	R501	*A2	R860	A3	TP804	*E1						
R151	*E1	R301	*C2	R502	*A2	R861	A3	TP805	*F1						
R152	*D1	R302	*C2	R503	A3	R862	A4	TP806	*E1						
R153	E4	R303	C2	R504	*A2	R863	*B4	TP807	*E1						
R154	E4	R304	*C2	R505	*A2	R864	*B3								
R155	E3	R309	*C2	R506	*A2	R865	*A3	*:B SIDE							
R156	E4	R310	*C2	R511	*A2	R866	*A3								
R157	*D1	R311	*C2	R512	*A2	R867	A3								
R158	*E1	R312	*C2	R513	*B2	R868	A3								
R159	*E1	R313	*C2	R514	*B2	R869	A3								
R160	*D4	R314	*C2	R515	*B2	R870	*B3								
R161	*D4	R315	*C2	R516	*B2	R871	*A3								
R162	*E1	R316	*C2	R517	*A2	R872	*A3								
R163	*E1	R317	*C2	R520	*B2	R873	*B3								
R164	*E1	R318	*D2	R521	*A2	R874	*B3								
R165	*E1	R319	*C3	R522	*B2	R875	A4								

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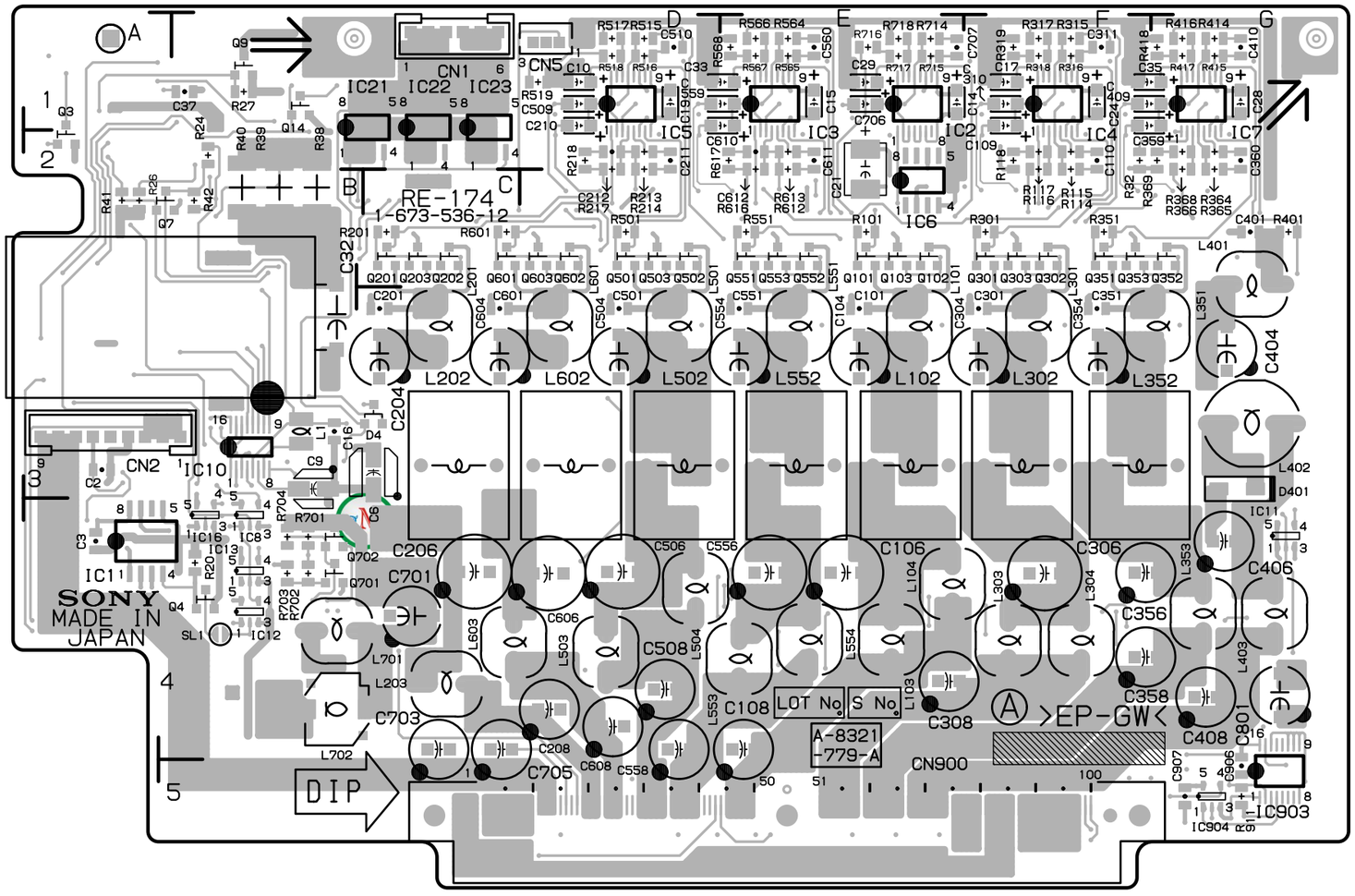
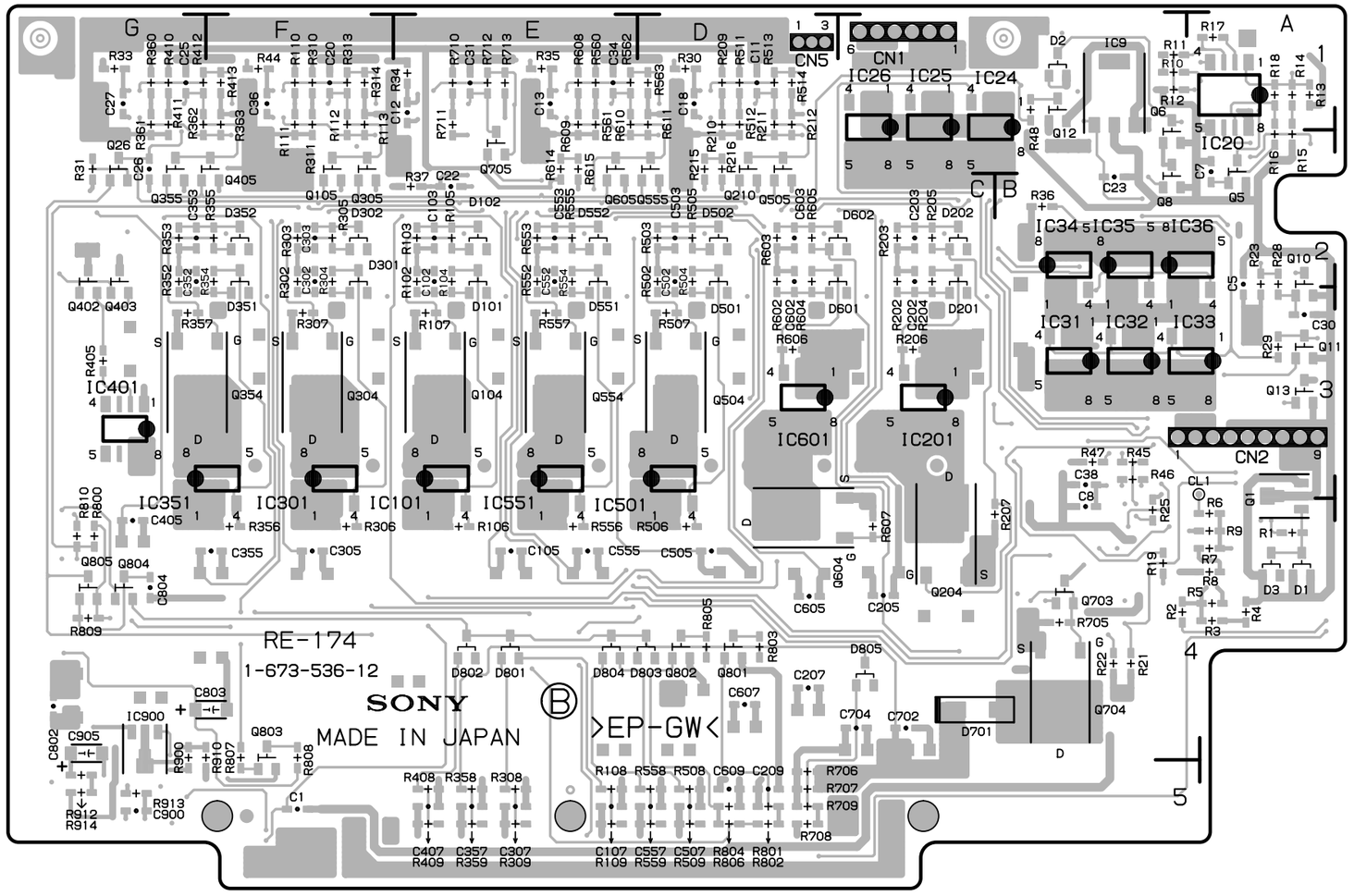
C1	*F5	C506	D4	IC22	C1	Q501	D2	R202	*C2	R560	*E1
C2	A3	C507	*D5	IC23	C1	Q502	D2	R203	*C2	R561	*E1
C3	A4	C508	D4	IC24	*C1	Q503	D2	R204	*C2	R562	*E1
C5	*A2	C509	D1	IC25	*C1	Q504	*D3	R205	*C2	R563	*D1
C6	C3	C510	D1	IC26	*C1	Q505	*D2	R206	*C3	R564	E1
C7	*A2	C551	E3	IC31	*B3	Q551	E2	R207	*C4	R565	E1
C8	*B4	C552	*E2	IC32	*B3	Q552	E2	R209	*D1	R566	E1
C9	B3	C553	*E2	IC33	*A3	Q553	E2	R210	*D1	R567	E1
C10	D1	C554	E3	IC34	*B2	Q554	*E3	R211	*D1	R568	E1
C11	*D1	C555	*E4	IC35	*B2	Q555	*D2	R212	*D1	R601	C2
C12	*E1	C556	E4	IC36	*A2	Q601	C2	R213	D2	R602	*D2
C13	*E1	C557	*D5	IC101	*E3	Q602	D2	R214	D2	R603	*D2
C14	E1	C558	D4	IC201	*C3	Q603	D2	R215	*D2	R604	*D2
C15	E1	C559	E1	IC301	*F3	Q604	*D4	R216	*D2	R605	*D2
C16	B3	C560	E1	IC351	*F3	Q605	*E2	R217	D2	R606	*D3
C17	F1	C601	C3	IC401	*G3	Q701	B4	R218	D2	R607	*C4
C18	*D1	C602	*D2	IC501	*D3	Q702	B4	R301	F2	R608	*E1
C19	D1	C603	*D2	IC551	*E3	Q703	*B4	R302	*F2	R609	*E1
C20	*F1	C604	C3	IC601	*D3	Q704	*B4	R303	*F2	R610	*E1
C21	E2	C605	*D4	IC900	*G4	Q705	*E2	R304	*F2	R611	*D1
C22	*E2	C606	D4	IC903	G5	Q801	*D4	R305	*F2	R612	E2
C23	*B2	C607	*D4	IC904	G5	Q802	*D4	R306	*F4	R613	E2
C24	F1	C608	D4			Q803	*F4	R307	*F3	R614	*E2
C25	*G1	C609	*D5	L1	B3	Q804	*G4	R308	*E5	R615	*E2
C26	*G2	C610	E1	L101	E3	Q805	*G4	R309	*E5	R616	E2
C27	*G1	C611	E2	L102	E3			R310	*F1	R617	E2
C28	G1	C612	E2	L103	E4	R1	*A4	R311	*F1	R701	B4
C29	E1	C701	C4	L104	E4	R2	*B4	R313	*F1	R702	B4
C30	*A3	C702	*C4	L201	C3	R3	*A4	R314	*F1	R703	B4
C31	*E1	C703	C4	L202	C3	R4	*A4	R315	F1	R704	B4
C32	B3	C704	*C4	L203	C4	R5	*A4	R316	F1	R705	*B4
C33	E1	C705	C4	L301	F3	R6	*A4	R317	F1	R706	*D5
C34	*E1	C706	E1	L302	F3	R7	*A4	R318	F1	R707	*D5
C35	F1	C707	E1	L303	F4	R8	*A4	R319	F1	R708	*D5
C36	*F1	C801	G4	L304	F4	R9	*A4	R351	F2	R709	*D5
C37	B1	C802	*G4	L351	G3	R10	*B1	R352	*G2	R710	*E1
C38	*B3	C803	*F4	L352	F3	R11	*B1	R353	*G2	R711	*E1
C101	E3	C804	*G4	L353	G4	R12	*B1	R354	*F2	R712	*E1
C102	*E2	C900	*G5	L401	G2	R13	*A1	R355	*F2	R713	*E1
C103	*E2	C905	*G4	L402	G3	R14	*A1	R356	*F4	R714	E1
C104	E3	C906	G5	L403	G4	R15	*A2	R357	*G3	R715	E1
C105	*E4	C907	G5	L501	D3	R16	*A2	R358	*E5	R716	E1
C106	E4			L502	D3	R17	*A1	R359	*E5	R717	E1
C107	*E5	CL1	*A3	L503	D4	R18	*A1	R360	*G1	R718	E1
C108	E4			L504	D4	R19	*B4	R361	*G1	R800	*G4
C109	F1	CN1	C1	L551	E3	R20	B4	R362	*G1	R801	*D5
C110	F2	CN2	A3	L552	E3	R21	*B4	R363	*F1	R802	*D5
C201	C3	CN5	D1	L553	E4	R22	*B4	R364	G2	R803	*D4
C202	*C2	CN900	E5	L554	E4	R23	*A2	R365	G2	R804	*D5
C203	*C2			L601	D3	R24	B2	R366	G2	R805	*D4
C204	C3	D1	*A4	L602	D3	R25	*B4	R368	G2	R806	*D5
C205	*C4	D2	*B1	L603	C4	R26	A2	R369	G2	R807	*F4
C206	C4	D3	*A4	L701	B4	R27	B1	R401	G2	R808	*F4
C207	*D4	D4	C3	L702	B4	R28	*A2	R405	*G3	R809	*G4
C208	D4	D101	*E2			R29	*A3	R408	*E5	R810	*G4
C209	*D5	D102	*E2	Q1	*A3	R30	*D1	R409	*E5	R900	*G4
C210	D1	D201	*C2	Q3	A2	R31	*G2	R410	*G1	R910	*G4
C211	D2	D202	*C2	Q4	B4	R32	F2	R411	*G1	R911	G5
C212	D2	D301	*F2	Q5	*A2	R33	*G1	R412	*G1	R912	*G5
C301	F3	D302	*F2	Q6	*B2	R34	*E1	R413	*F1	R913	*G5
C302	*F2	D351	*F2	Q7	A2	R35	*E1	R414	G1	R914	*G5
C303	*F2	D352	*F2	Q8	*B2	R36	*B2	R415	G1		
C304	F3	D401	G3	Q9	B1	R37	*E2	R416	G1	SL1	B4
C305	*F4	D501	*D2	Q10	*A2	R38	B2	R417	G1		
C306	F4	D502	*D2	Q11	*A3	R39	B2	R418	G1	*:B SIDE	
C307	*E5	D551	*E2	Q12	*B1	R40	B2	R501	D2		
C308	E4	D552	*E2	Q13	*A3	R41	A2	R502	*D2		
C310	F1	D601	*D2	Q14	B1	R42	B2	R503	*D2		
C311	F1	D602	*D2	Q26	*G2	R44	*F1	R504	*D2		
C351	F3	D701	*C4	Q101	E2	R45	*B3	R505	*D2		
C352	*G2	D801	*E4	Q102	E2	R46	*B3	R506	*D4		
C353	*G2	D802	*E4	Q103	E2	R47	*B3	R507	*D3		
C354	F3	D803	*D4	Q104	*E3	R48	*B1	R508	*D5		
C355	*F4	D804	*E4	Q105	*F2	R101	E2	R509	*D5		
C356	F4	D805	*C4	Q201	C2	R102	*E2	R511	*D1		
C357	*E5			Q202	C2	R103	*E2	R512	*D1		
C358	F4	IC1	A4	Q203	C2	R104	*E2	R513	*D1		
C359	F1	IC2	E2	Q204	*C4	R105	*E2	R514	*D1		
C360	G2	IC3	E2	Q210	*D2	R106	*E4	R515	D1		
C401	G2	IC4	F2	Q301	F2	R107	*E3	R516	D1		
C404	G3	IC5	D2	Q302	F2	R108	*E5	R517	D1		
C405	*G4	IC6	E2	Q303	F2	R109	*E5	R518	D1		
C406	G4	IC7	G2	Q304	*F3	R110	*F1	R519	D1		
C407	*E5	IC8	B4	Q305	*F2	R111	*F1	R551	E2		
C408	G4	IC9	*B1	Q351	F2	R112	*F1	R552	*E2		
C409	F1	IC10	B3	Q352	G2	R113	*F1	R553	*E2		
C410	G1	IC11	G4	Q353	F2	R114	F2	R554	*E2		
C501	D3	IC12	B4	Q354	*G3	R115	F2	R555	*E2		
C502	*D2	IC13	B4	Q355	*G2	R116	F2	R556	*E4		
C503	*D2	IC16	B4	Q402	*G2	R117	F2	R557	*E3		
C504	D3	IC20	*A1	Q403	*G2	R118	F2	R558	*D5		
C505	*D4	IC21	C1	Q405	*F2	R201	C2	R559	*D5		



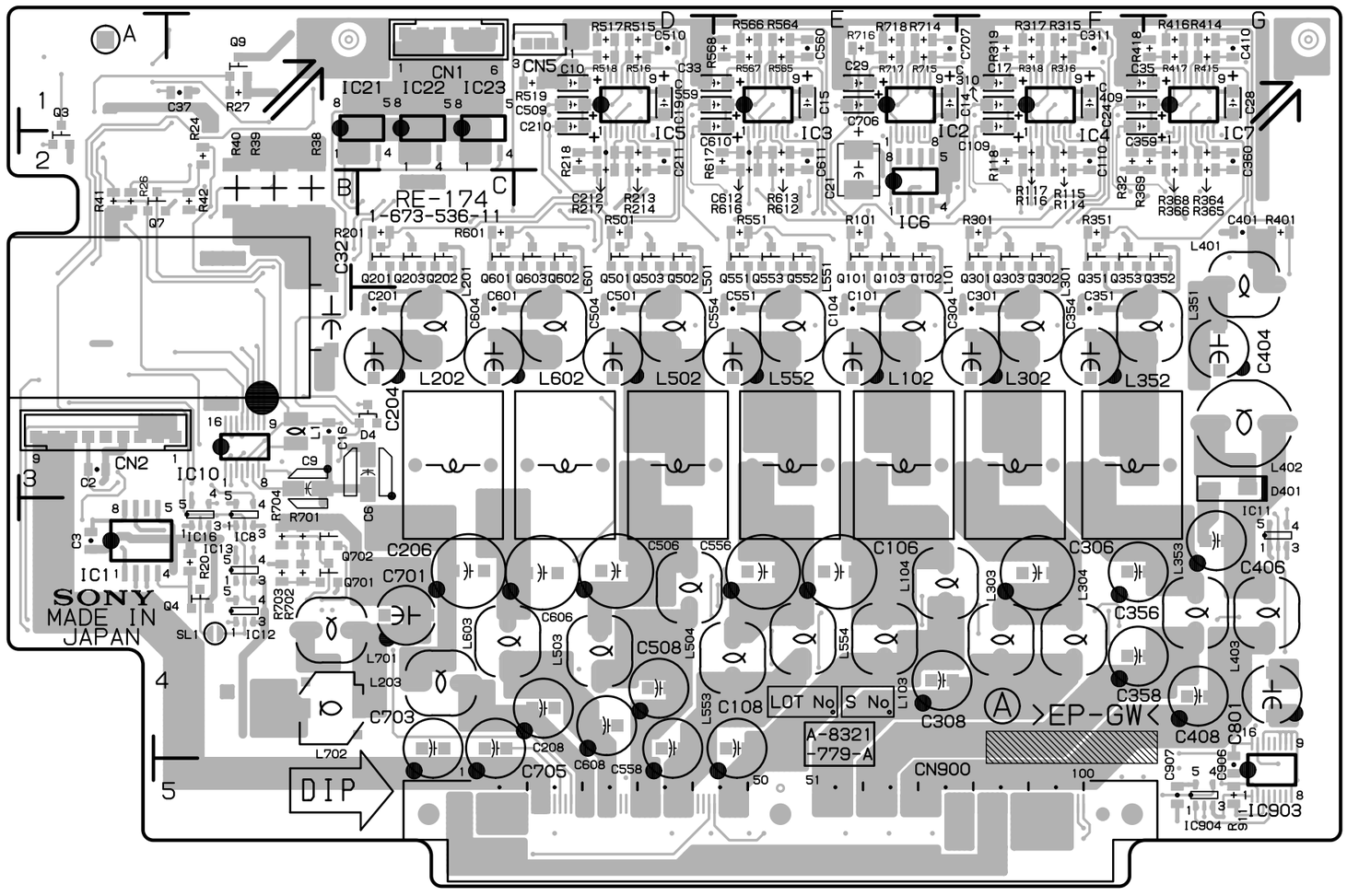
RE-174 -A SIDE-
SUFFIX: -12



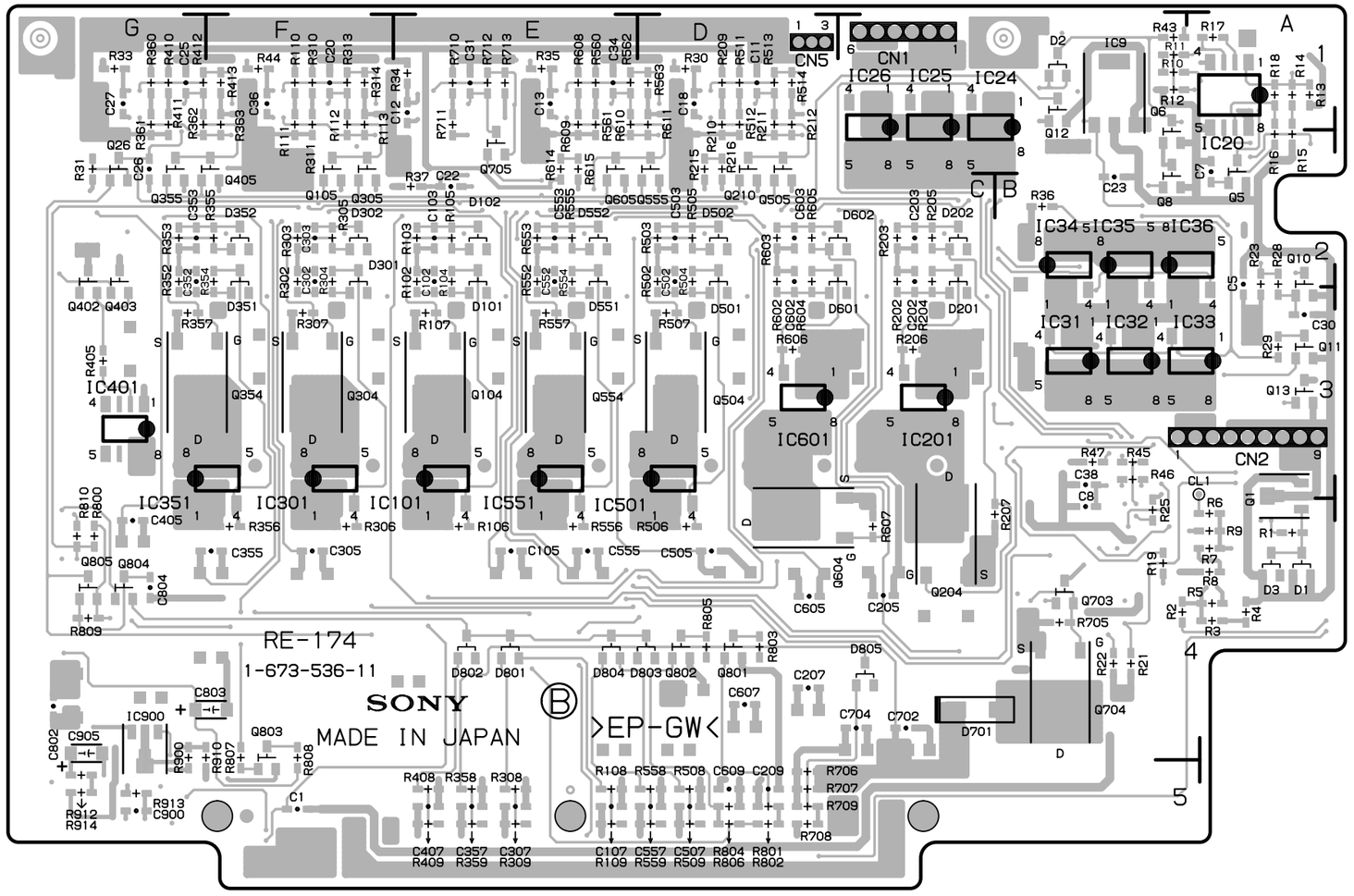
RE-174 -B SIDE-
SUFFIX: -12

RE-174(1-673-536-11)

C1	*F5	C506	D4	IC22	C1	Q502	D2	R203	*C2	R561	*E1
C2	A3	C507	*D5	IC23	C1	Q503	D2	R204	*C2	R562	*E1
C3	A4	C508	D4	IC24	*C1	Q504	*D3	R205	*C2	R563	*D1
C5	*A2	C509	D1	IC25	*C1	Q505	*D2	R206	*C3	R564	E1
C6	C3	C510	D1	IC26	*C1	Q551	E2	R207	*C4	R565	E1
C7	*A2	C551	E3	IC31	*B3	Q552	E2	R209	*D1	R566	E1
C8	*B4	C552	*E2	IC32	*B3	Q553	E2	R210	*D1	R567	E1
C9	B3	C553	*E2	IC33	*A3	Q554	*E3	R211	*D1	R568	E1
C10	D1	C554	E3	IC34	*B2	Q555	*D2	R212	*D1	R601	C2
C11	*D1	C555	*E4	IC35	*B2	Q601	C2	R213	D2	R602	*D2
C12	*E1	C556	E4	IC36	*A2	Q602	D2	R214	D2	R603	*D2
C13	*E1	C557	*D5	IC101	*E3	Q603	D2	R215	*D2	R604	*D2
C14	E1	C558	D4	IC201	*C3	Q604	*D4	R216	*D2	R605	*D2
C15	E1	C559	E1	IC301	*F3	Q605	*E2	R217	D2	R606	*D3
C16	B3	C560	E1	IC351	*F3	Q701	B4	R218	D2	R607	*C4
C17	F1	C601	C3	IC401	*G3	Q702	B4	R301	F2	R608	*E1
C18	*D1	C602	*D2	IC501	*D3	Q703	*B4	R302	*F2	R609	*E1
C19	D1	C603	*D2	IC551	*E3	Q704	*B4	R303	*F2	R610	*E1
C20	*F1	C604	C3	IC601	*D3	Q705	*E2	R304	*F2	R611	*D1
C21	E2	C605	*D4	IC900	*G4	Q801	*D4	R305	*F2	R612	E2
C22	*E2	C606	D4	IC903	G5	Q802	*D4	R306	*F4	R613	E2
C23	*B2	C607	*D4	IC904	G5	Q803	*F4	R307	*F3	R614	*E2
C24	F1	C608	D4			Q804	*G4	R308	*E5	R615	*E2
C25	*G1	C609	*D5	L1	B3	Q805	*G4	R309	*E5	R616	E2
C26	*G2	C610	E1	L101	E3			R310	*F1	R617	E2
C27	*G1	C611	E2	L102	E3	R1	*A4	R311	*F1	R701	B4
C28	G1	C612	E2	L103	E4	R2	*B4	R313	*F1	R702	B4
C29	E1	C701	C4	L104	E4	R3	*A4	R314	*F1	R703	B4
C30	*A3	C702	*C4	L201	C3	R4	*A4	R315	F1	R704	B4
C31	*E1	C703	C4	L202	C3	R5	*A4	R316	F1	R705	*B4
C32	B3	C704	*C4	L203	C4	R6	*A4	R317	F1	R706	*D5
C33	E1	C705	C4	L301	F3	R7	*A4	R318	F1	R707	*D5
C34	*E1	C706	E1	L302	F3	R8	*A4	R319	F1	R708	*D5
C35	F1	C707	E1	L303	F4	R9	*A4	R351	F2	R709	*D5
C36	*F1	C801	G4	L304	F4	R10	*B1	R352	*G2	R710	*E1
C37	B1	C802	*G4	L351	G3	R11	*B1	R353	*G2	R711	*E1
C38	*B3	C803	*F4	L352	F3	R12	*B1	R354	*F2	R712	*E1
C101	E3	C804	*G4	L353	G4	R13	*A1	R355	*F2	R713	*E1
C102	*E2	C900	*G5	L401	G2	R14	*A1	R356	*F4	R714	E1
C103	*E2	C905	*G4	L402	G3	R15	*A2	R357	*G3	R715	E1
C104	E3	C906	G5	L403	G4	R16	*A2	R358	*E5	R716	E1
C105	*E4	C907	G5	L501	D3	R17	*A1	R359	*E5	R717	E1
C106	E4			L502	D3	R18	*A1	R360	*G1	R718	E1
C107	*E5	CL1	*A3	L503	D4	R19	*B4	R361	*G1	R800	*G4
C108	E4			L504	D4	R20	B4	R362	*G1	R801	*D5
C109	F1	CN1	C1	L551	E3	R21	*B4	R363	*F1	R802	*D5
C110	F2	CN2	A3	L552	E3	R22	*B4	R364	G2	R803	*D4
C201	C3	CN5	D1	L553	E4	R23	*A2	R365	G2	R804	*D5
C202	*C2	CN900	E5	L554	E4	R24	B2	R366	G2	R805	*D4
C203	*C2			L601	D3	R25	*B4	R368	G2	R806	*D5
C204	C3	D1	*A4	L602	D3	R26	A2	R369	G2	R807	*F4
C205	*C4	D2	*B1	L603	C4	R27	B1	R401	G2	R808	*F4
C206	C4	D3	*A4	L701	B4	R28	*A2	R405	*G3	R809	*G4
C207	*D4	D4	C3	L702	B4	R29	*A3	R408	*E5	R810	*G4
C208	D4	D101	*E2			R30	*D1	R409	*E5	R900	*G4
C209	*D5	D102	*E2	Q1	*A3	R31	*G2	R410	*G1	R910	*G4
C210	D1	D201	*C2	Q3	A2	R32	F2	R411	*G1	R911	G5
C211	D2	D202	*C2	Q4	B4	R33	*G1	R412	*G1	R912	*G5
C212	D2	D301	*F2	Q5	*A2	R34	*E1	R413	*F1	R913	*G5
C301	F3	D302	*F2	Q6	*B2	R35	*E1	R414	G1	R914	*G5
C302	*F2	D351	*F2	Q7	A2	R36	*B2	R415	G1		
C303	*F2	D352	*F2	Q8	*B2	R37	*E2	R416	G1	SL1	B4
C304	F3	D401	G3	Q9	B1	R38	B2	R417	G1		
C305	*F4	D501	*D2	Q10	*A2	R39	B2	R418	G1	*:B SIDE	
C306	F4	D502	*D2	Q11	*A3	R40	B2	R501	D2		
C307	*E5	D551	*E2	Q12	*B1	R41	A2	R502	*D2		
C308	E4	D552	*E2	Q13	*A3	R42	B2	R503	*D2		
C310	F1	D601	*D2	Q26	*G2	R43	*B1	R504	*D2		
C311	F1	D602	*D2	Q101	E2	R44	*F1	R505	*D2		
C351	F3	D701	*C4	Q102	E2	R45	*B3	R506	*D4		
C352	*G2	D801	*E4	Q103	E2	R46	*B3	R507	*D3		
C353	*G2	D802	*E4	Q104	*E3	R47	*B3	R508	*D5		
C354	F3	D803	*D4	Q105	*F2	R101	E2	R509	*D5		
C355	*F4	D804	*E4	Q201	C2	R102	*E2	R511	*D1		
C356	F4	D805	*C4	Q202	C2	R103	*E2	R512	*D1		
C357	*E5			Q203	C2	R104	*E2	R513	*D1		
C358	F4	IC1	A4	Q204	*C4	R105	*E2	R514	*D1		
C359	F1	IC2	E2	Q210	*D2	R106	*E4	R515	D1		
C360	G2	IC3	E2	Q301	F2	R107	*E3	R516	D1		
C401	G2	IC4	F2	Q302	F2	R108	*E5	R517	D1		
C404	G3	IC5	D2	Q303	F2	R109	*E5	R518	D1		
C405	*G4	IC6	E2	Q304	*F3	R110	*F1	R519	D1		
C406	G4	IC7	G2	Q305	*F2	R111	*F1	R551	E2		
C407	*E5	IC8	B4	Q351	F2	R112	*F1	R552	*E2		
C408	G4	IC9	*B1	Q352	G2	R113	*F1	R553	*E2		
C409	F1	IC10	B3	Q353	F2	R114	F2	R554	*E2		
C410	G1	IC11	G4	Q354	*G3	R115	F2	R555	*E2		
C501	D3	IC12	B4	Q355	*G2	R116	F2	R556	*E4		
C502	*D2	IC13	B4	Q402	*G2	R117	F2	R557	*E3		
C503	*D2	IC16	B4	Q403	*G2	R118	F2	R558	*D5		
C504	D3	IC20	*A1	Q405	*F2	R201	C2	R559	*D5		
C505	*D4	IC21	C1	Q501	D2	R202	*C2	R560	*E1		



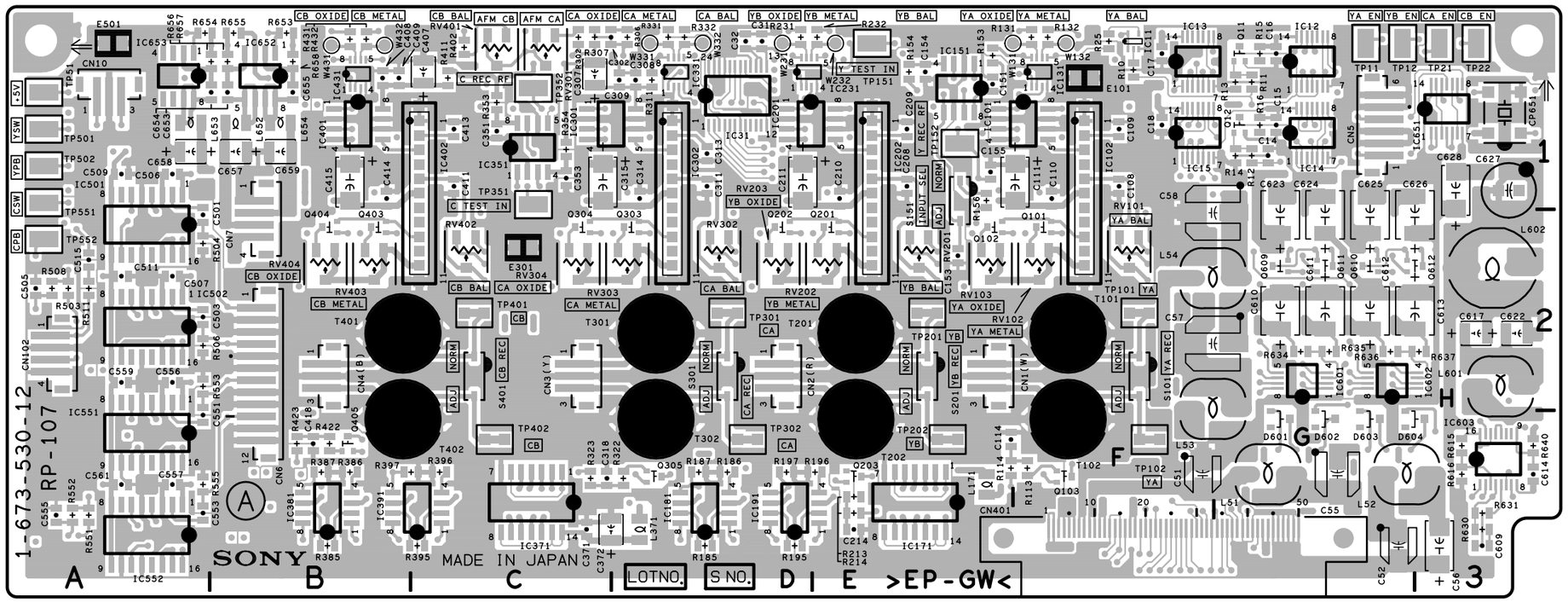
RE-174 -A SIDE-
SUFFIX: -11



RE-174 -B SIDE-
SUFFIX: -11

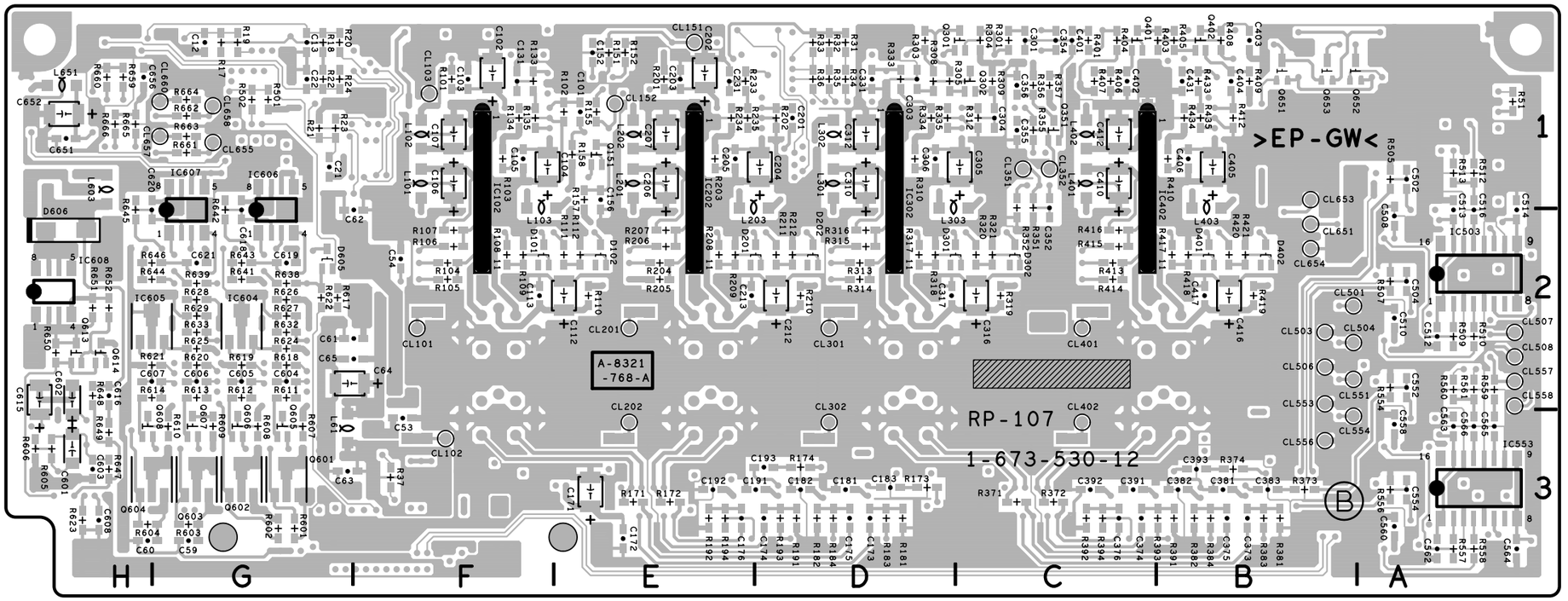
RP-107(1-673-530-12)

C12	*G1	C331	*D1	C623	G2	IC181	D3
C13	*G1	C351	C1	C624	G2	IC191	E3
C14	G1	C352	*C1	C625	G2	IC201	D1
C15	G1	C353	C1	C626	H2	IC202	E1
C16	G1	C354	*C1	C627	H1	IC231	D1
C17	F1	C355	*C1	C628	H1	IC301	C1
C18	F1	C356	*C1	C651	*H1	IC302	D1
C21	*G1	C371	C3	C652	*H1	IC331	D1
C22	*G1	C372	C3	C653	B1	IC351	D1
C31	D1	C373	*B3	C654	B1	IC371	C3
C32	D1	C374	*C3	C655	B1	IC381	B3
C51	F3	C375	*B3	C656	*H1	IC391	C3
C52	G3	C376	*C3	C657	B1	IC401	B1
C53	*F3	C381	*B3	C658	A1	IC402	C1
C54	*F2	C382	*B3	C659	B1	IC431	B1
C55	G3	C383	*B3			IC501	A1
C56	H3	C391	*C3	CL101	*F2	IC502	A2
C57	F2	C392	*C3	CL102	*F3	IC503	*A2
C58	F2	C393	*B3	CL103	*F1	IC551	A2
C59	*G3	C401	*C1	CL151	*E1	IC552	A3
C60	*H3	C402	*C1	CL152	*E1	IC553	*A3
C61	*F2	C403	*B1	CL201	*E2	IC601	G2
C62	*F2	C404	*B1	CL202	*E3	IC602	H2
C63	*G3	C405	*B1	CL301	*D2	IC603	H3
C64	*G2	C406	*B1	CL302	*D3	IC604	*G2
C65	*F2	C407	C1	CL351	*C1	IC605	*H2
C101	*E1	C408	B1	CL352	*C1	IC606	*G2
C102	*F1	C409	B1	CL401	*C2	IC607	*G2
C103	*F1	C410	*C1	CL402	*C3	IC608	*H2
C104	*F1	C411	C1	CL501	*B2	IC651	H1
C105	*F1	C412	*C1	CL503	*B2	IC652	B1
C106	*F1	C413	C1	CL504	*B2	IC653	A1
C107	*F1	C414	B1	CL506	*B2		
C108	F1	C415	B1	CL507	*A2	L51	G3
C109	F1	C416	*B2	CL508	*A2	L52	G3
C110	F1	C417	*B2	CL551	*B2	L53	F2
C111	F1	C418	B3	CL553	*B2	L54	F2
C112	*E2	C431	*B1	CL554	*B3	L61	*G3
C113	*F2	C501	A2	CL556	*B3	L101	*F1
C114	E3	C502	*A1	CL557	*A2	L102	*F1
C131	*F1	C503	A2	CL558	*A2	L103	*F1
C151	E1	C504	*A2	CL651	*B2	L171	E3
C152	*E1	C505	A2	CL653	*B1	L201	*E1
C153	E2	C506	A1	CL654	*B2	L202	*E1
C154	E1	C507	A2	CL655	*G1	L203	*E1
C155	E1	C508	*A2	CL657	*G1	L301	*D1
C156	*E1	C509	A1	CL658	*G1	L302	*D1
C171	*E3	C510	*A2	CL660	*G1	L303	*D1
C172	*E3	C511	A2			L371	D3
C173	*D3	C512	*A2	CN1	E2	L401	*C1
C174	*D3	C513	*A2	CN2	D2	L402	*C1
C175	*D3	C514	*A2	CN3	C2	L403	*B1
C176	*E3	C515	A2	CN4	B2	L601	H2
C181	*D3	C516	*A2	CN5	G1	L602	H2
C182	*D3	C551	A3	CN6	B2	L603	*H1
C183	*D3	C552	*A2	CN7	B2	L651	*H1
C191	*D3	C553	A3	CN10	A1	L652	B1
C192	*E3	C554	*A3	CN102	A2	L653	A1
C193	*D3	C555	A3	CN401	F3	L654	B1
C201	*D1	C556	A2				
C202	*E1	C557	A3	CP651	H1	Q11	G1
C203	*E1	C558	*A3			Q12	G1
C204	*D1	C559	A2	D101	*F2	Q101	F2
C205	*E1	C560	*A3	D102	*E2	Q102	E2
C206	*E1	C561	A3	D201	*D2	Q103	F3
C207	*E1	C562	*A3	D202	*D2	Q151	*E1
C208	E1	C563	*A3	D301	*C2	Q201	E2
C209	E1	C564	*A3	D302	*C2	Q202	D2
C210	E1	C565	*A3	D401	*B2	Q203	E3
C211	D1	C566	*A3	D402	*B2	Q301	*C1
C212	*D2	C601	*H3	D601	G3	Q302	*C1
C213	*E2	C602	*H2	D602	G3	Q303	D2
C214	E3	C603	*H3	D603	G3	Q304	C2
C231	*E1	C604	*G2	D604	H3	Q305	D3
C301	*C1	C605	*G2	D605	*G2	Q351	*C1
C302	C1	C606	*G2	D606	*H2	Q401	*C1
C303	*D1	C607	*H2			Q402	*B1
C304	*C1	C608	*H3	E101	F1	Q403	B2
C305	*C1	C609	H3	E301	C2	Q404	B2
C306	*D1	C610	G2	E501	A1	Q405	B3
C307	C1	C611	G2			Q601	*G3
C308	D1	C612	G2	IC11	F1	Q602	*G3
C309	D1	C613	H2	IC12	G1	Q603	*G3
C310	*D1	C614	H3	IC13	F1	Q604	*H3
C311	D1	C615	*H2	IC14	G1	Q605	*G3
C312	*D1	C616	*H2	IC15	F1	Q606	*G3
C313	D1	C617	H2	IC31	D1	Q607	*G3
C314	D1	C618	*G2	IC101	E1	Q608	*H3
C315	C1	C619	*G2	IC102	F1	Q609	G2
C316	*C2	C620	*H2	IC131	F1	Q610	G2
C317	*D2	C621	*G2	IC151	E1	Q611	G2
C318	C3	C622	H2	IC171	E3	Q612	H2



RP-107 -A SIDE-
SUFFIX: -12

http://getMANUAL.com



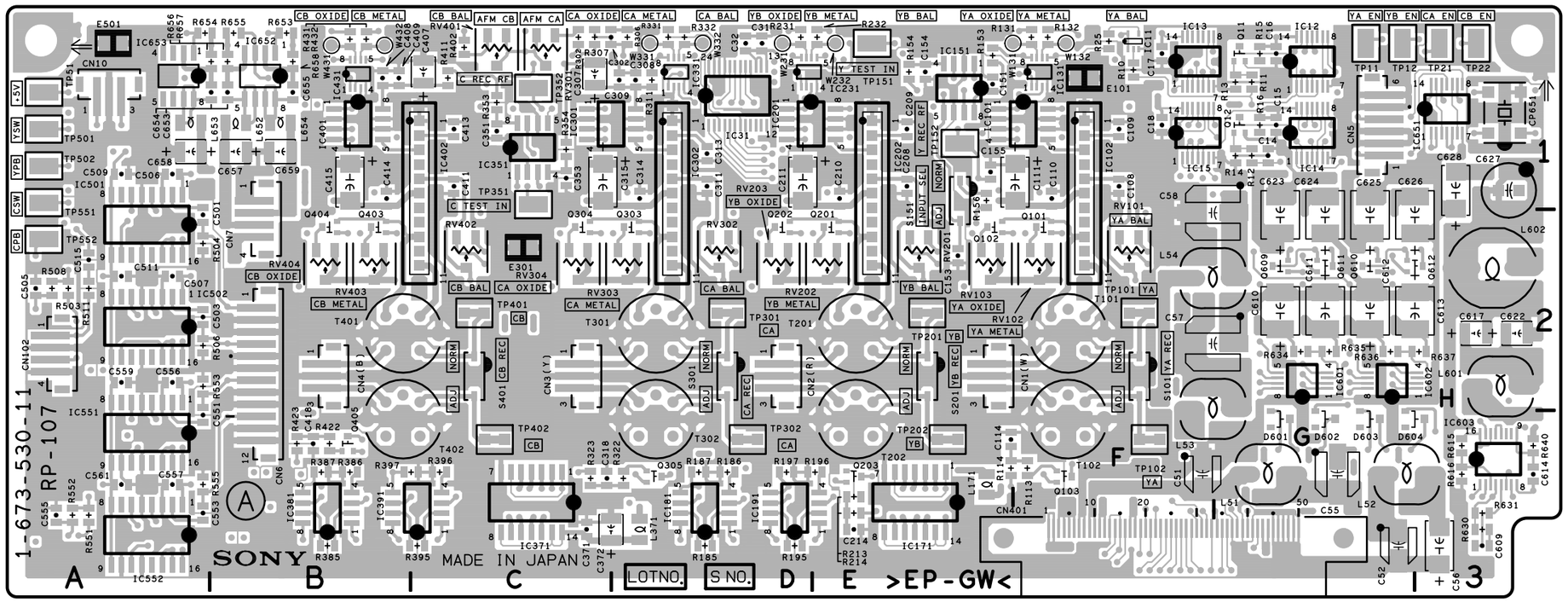
RP-107 -B SIDE-

SUFFIX: -12

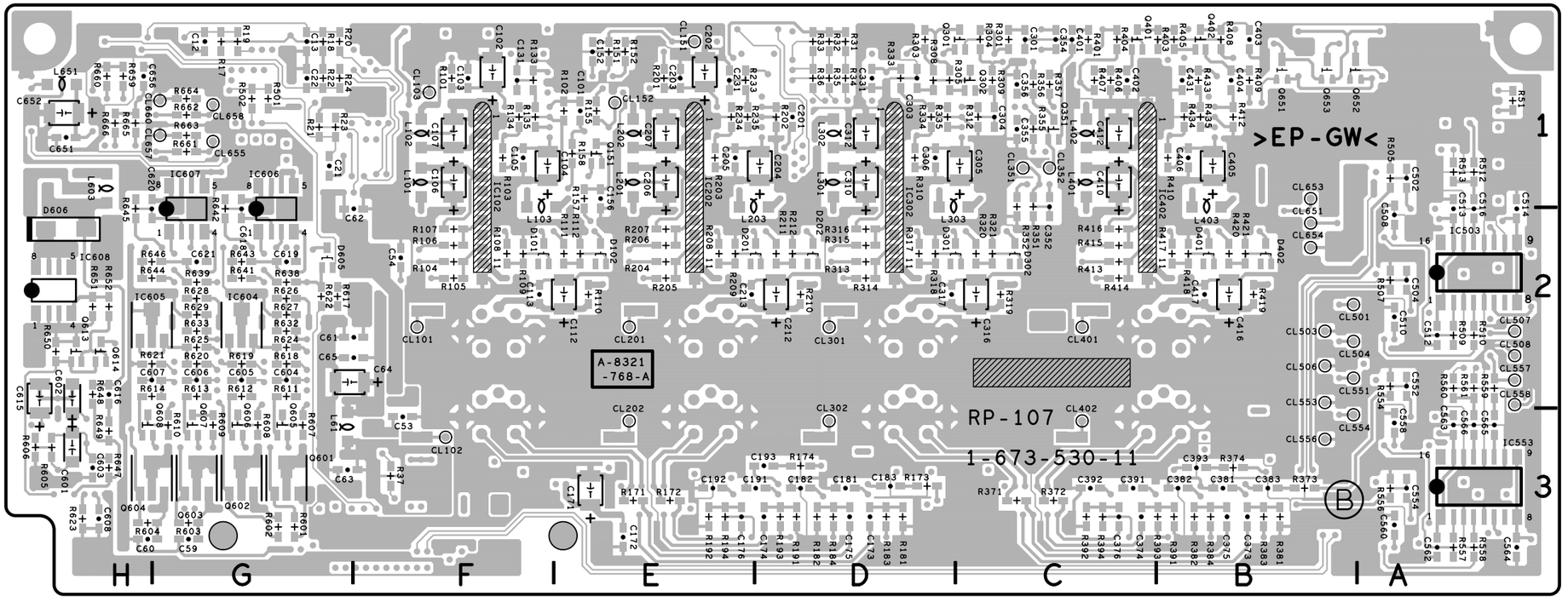
Q613	*H2	R234	*E1	R510	*A2	RV401	C1
Q614	*H2	R235	*E1	R511	A2	RV402	C2
Q651	*B1	R301	*C1	R512	*A1	RV403	B2
Q652	*B1	R302	C1	R513	*A1	RV404	B2
Q653	*B1	R303	*D1	R551	A3		
		R304	*C1	R552	A3	S101	F2
R10	F1	R305	*D1	R553	A2	S151	E1
R11	G1	R306	D1	R554	*A2	S201	E2
R12	G1	R307	C1	R555	A3	S301	D2
R13	G1	R308	*D1	R556	*A3	S401	C2
R14	G1	R309	*C1	R557	*A3		
R15	G1	R310	*D1	R558	*A3	T101	F2
R16	G1	R311	D1	R559	*A2	T102	F3
R17	*G1	R312	*C1	R560	*A2	T201	E2
R18	*G1	R313	*D2	R561	*A2	T202	E3
R19	*G1	R314	*D2	R601	*G3	T301	D2
R20	*G1	R315	*D2	R602	*G3	T302	D3
R21	*G1	R316	*D2	R603	*G3	T401	B2
R22	*G1	R317	*D2	R604	*H3	T402	B3
R23	*G1	R318	*D2	R605	*H3		
R24	*G1	R319	*C2	R606	*H3	TP11	G1
R25	F1	R320	*C2	R607	*G3	TP12	G1
R31	*D1	R321	*C2	R608	*G3	TP21	H1
R32	*D1	R322	D3	R609	*G3	TP22	H1
R33	*D1	R323	C3	R610	*G3	TP51	A1
R34	*D1	R331	D1	R611	*G2	TP101	F2
R35	*D1	R332	D1	R612	*G2	TP102	F3
R36	*D1	R333	*D1	R613	*G2	TP151	E1
R37	*F3	R334	*D1	R614	*H2	TP152	E1
R51	*A1	R335	*D1	R615	H3	TP201	E2
R101	*F1	R351	*C1	R616	H3	TP202	E3
R102	*E1	R352	*C1	R617	*G2	TP301	D2
R103	*F1	R353	C1	R618	*G2	TP302	D3
R104	*F2	R354	C1	R619	*G2	TP351	C1
R105	*F2	R355	*C1	R620	*G2	TP352	C1
R106	*F2	R356	*C1	R621	*H2	TP401	C2
R107	*F2	R357	*C1	R622	*G2	TP402	C3
R108	*F2	R371	*C3	R623	*H3	TP501	A1
R109	*F2	R372	*C3	R624	*G2	TP502	A1
R110	*E2	R373	*B3	R625	*G2	TP551	A1
R111	*E2	R374	*B3	R626	*G2	TP552	A2
R112	*E2	R381	*B3	R627	*G2		
R113	F3	R382	*B3	R628	*G2	W131	F1
R114	E3	R383	*B3	R629	*G2	W132	F1
R131	F1	R384	*B3	R630	H3	W231	D1
R132	F1	R385	B3	R631	H3	W232	E1
R133	*F1	R386	B3	R632	*G2	W331	D1
R134	*F1	R387	B3	R633	*G2	W332	D1
R135	*F1	R391	*B3	R634	G2	W431	B1
R151	*E1	R392	*C3	R635	G2	W432	B1
R152	*E1	R393	*B3	R636	G2		
R153	E1	R394	*C3	R637	H2	*:B SIDE	
R154	E1	R395	C3	R638	*G2		
R155	*E1	R396	C3	R639	*G2		
R156	E1	R397	C3	R640	H3		
R157	*E1	R401	*C1	R641	*G2		
R158	*E1	R402	C1	R642	*G2		
R171	*E3	R403	*B1	R643	*G2		
R172	*E3	R404	*C1	R644	*H2		
R173	*D3	R405	*B1	R645	*H2		
R174	*D3	R406	*C1	R646	*H2		
R181	*D3	R407	*C1	R647	*H3		
R182	*D3	R408	*B1	R648	*H2		
R183	*D3	R409	*B1	R649	*H3		
R184	*D3	R410	*B1	R650	*H2		
R185	D3	R411	C1	R651	*H2		
R186	D3	R412	*B1	R652	*H2		
R187	D3	R413	*C2	R653	B1		
R191	*D3	R414	*C2	R654	A1		
R192	*E3	R415	*C2	R655	B1		
R193	*D3	R416	*C2	R656	B1		
R194	*E3	R417	*B2	R657	B1		
R195	D3	R418	*B2	R658	B1		
R196	E3	R419	*B2	R659	*H1		
R197	D3	R420	*B2	R660	*H1		
R201	*E1	R421	*B2	R661	*G1		
R202	*D1	R422	B3	R662	*G1		
R203	*E1	R423	B3	R663	*G1		
R204	*E2	R431	B1	R664	*G1		
R205	*E2	R432	B1	R665	*H1		
R206	*E2	R433	*B1	R666	*H1		
R207	*E2	R434	*B1				
R208	*E2	R435	*B1	RV101	F2		
R209	*E2	R501	*G1	RV102	F2		
R210	*D2	R502	*G1	RV103	E2		
R211	*D2	R503	A2	RV201	E2		
R212	*D2	R504	A2	RV202	E2		
R213	E3	R505	*A1	RV203	D2		
R214	E3	R506	A2	RV301	C1		
R231	D1	R507	*A2	RV302	D2		
R232	E1	R508	A2	RV303	D2		
R233	*E1	R509	*A2	RV304	C2		

RP-107(1-673-530-11)

C12	*G1	C331	*D1	C623	G3	IC181	D3
C13	*G1	C351	C1	C624	G3	IC191	E3
C14	G1	C352	*C1	C625	G3	IC201	D1
C15	G1	C353	C1	C626	G3	IC202	E1
C16	G1	C354	*C1	C627	H1	IC231	D1
C17	F1	C355	*C1	C628	H1	IC301	C1
C18	F1	C356	*C1	C651	*H1	IC302	D1
C21	*G1	C371	C3	C652	*H1	IC331	D1
C22	*G1	C372	C3	C653	B1	IC351	D1
C31	D1	C373	*B3	C654	B1	IC371	C3
C32	D1	C374	*C3	C655	B1	IC381	B3
C51	F3	C375	*B3	C656	*H1	IC391	C3
C52	G3	C376	*C3	C657	B1	IC401	B1
C53	*F3	C381	*B3	C658	A1	IC402	C1
C54	*F3	C382	*B3	C659	B1	IC431	B1
C55	G3	C383	*B3			IC501	A1
C56	H3	C391	*C3	CL101	*F3	IC502	A3
C57	F3	C392	*C3	CL102	*F3	IC503	*A3
C58	F3	C393	*B3	CL103	*F1	IC551	A3
C59	*G3	C401	*C1	CL151	*E1	IC552	A3
C60	*H3	C402	*C1	CL152	*E1	IC553	*A3
C61	*F3	C403	*B1	CL201	*E3	IC601	G3
C62	*F3	C404	*B1	CL202	*E3	IC602	G3
C63	*G3	C405	*B1	CL301	*D3	IC603	H3
C64	*G3	C406	*B1	CL302	*D3	IC604	*G3
C65	*F3	C407	C1	CL351	*C1	IC605	*G3
C101	*E1	C408	B1	CL352	*C1	IC606	*G3
C102	*F1	C409	B1	CL401	*C3	IC607	*G3
C103	*F1	C410	*C1	CL402	*C3	IC608	*H3
C104	*F1	C411	C1	CL501	*B3	IC651	H1
C105	*F1	C412	*C1	CL503	*B3	IC652	B1
C106	*F1	C413	C1	CL504	*B3	IC653	A1
C107	*F1	C414	B1	CL506	*B3		
C108	F1	C415	B1	CL507	*A3	L51	G3
C109	F1	C416	*B3	CL508	*A3	L52	G3
C110	F1	C417	*B3	CL551	*B3	L53	F3
C111	F1	C418	B3	CL553	*B3	L54	F3
C112	*E3	C431	*B1	CL554	*B3	L61	*G3
C113	*F3	C501	A3	CL556	*B3	L101	*F1
C114	E3	C502	*A1	CL557	*A3	L102	*F1
C131	*F1	C503	A3	CL558	*A3	L103	*F1
C151	E1	C504	*A3	CL651	*B3	L171	E3
C152	*E1	C505	A3	CL653	*B1	L201	*E1
C153	E3	C506	A1	CL654	*B3	L202	*E1
C154	E1	C507	A3	CL655	*G1	L203	*E1
C155	E1	C508	*A3	CL657	*G1	L301	*D1
C156	*E1	C509	A1	CL658	*G1	L302	*D1
C171	*E3	C510	*A3	CL660	*G1	L303	*D1
C172	*E3	C511	A3			L371	D3
C173	*D3	C512	*A3	CN1	E3	L401	*C1
C174	*D3	C513	*A3	CN2	D3	L402	*C1
C175	*D3	C514	*A3	CN3	C3	L403	*B1
C176	*E3	C515	A3	CN4	B3	L601	H3
C181	*D3	C516	*A3	CN5	G1	L602	H3
C182	*D3	C551	A3	CN6	B3	L603	*H1
C183	*D3	C552	*A3	CN7	B3	L651	*H1
C191	*D3	C553	A3	CN10	A1	L652	B1
C192	*E3	C554	*A3	CN102	A3	L653	A1
C193	*D3	C555	A3	CN401	F3	L654	B1
C201	*D1	C556	A3				
C202	*E1	C557	A3	CP651	H1	Q11	G1
C203	*E1	C558	*A3			Q12	G1
C204	*D1	C559	A3	D101	*F3	Q101	F3
C205	*E1	C560	*A3	D102	*E3	Q102	E3
C206	*E1	C561	A3	D201	*D3	Q103	F3
C207	*E1	C562	*A3	D202	*D3	Q151	*E1
C208	E1	C563	*A3	D301	*C3	Q201	E3
C209	E1	C564	*A3	D302	*C3	Q202	D3
C210	E1	C565	*A3	D401	*B3	Q203	E3
C211	D1	C566	*A3	D402	*B3	Q301	*C1
C212	*D3	C601	*H3	D601	G3	Q302	*C1
C213	*E3	C602	*H3	D602	G3	Q303	D3
C214	E3	C603	*H3	D603	G3	Q304	C3
C231	*E1	C604	*G3	D604	G3	Q305	D3
C301	*C1	C605	*G3	D605	*G3	Q351	*C1
C302	C1	C606	*G3	D606	*H3	Q401	*C1
C303	*D1	C607	*G3			Q402	*B1
C304	*C1	C608	*H3	E101	F1	Q403	B3
C305	*C1	C609	H3	E301	C3	Q404	B3
C306	*D1	C610	G3	E501	A1	Q405	B3
C307	C1	C611	G3			Q601	*G3
C308	D1	C612	G3	IC11	F1	Q602	*G3
C309	D1	C613	G3	IC12	G1	Q603	*G3
C310	*D1	C614	H3	IC13	F1	Q604	*G3
C311	D1	C615	*H3	IC14	G1	Q605	*G3
C312	*D1	C616	*H3	IC15	F1	Q606	*G3
C313	D1	C617	H3	IC31	D1	Q607	*G3
C314	D1	C618	*G3	IC101	E1	Q608	*H3
C315	C1	C619	*G3	IC102	F1	Q609	G3
C316	*C3	C620	*G3	IC131	F1	Q610	G3
C317	*D3	C621	*G3	IC151	E1	Q611	G3
C318	C3	C622	H3	IC171	E3	Q612	G3



RP-107 -A SIDE-
SUFFIX: -11

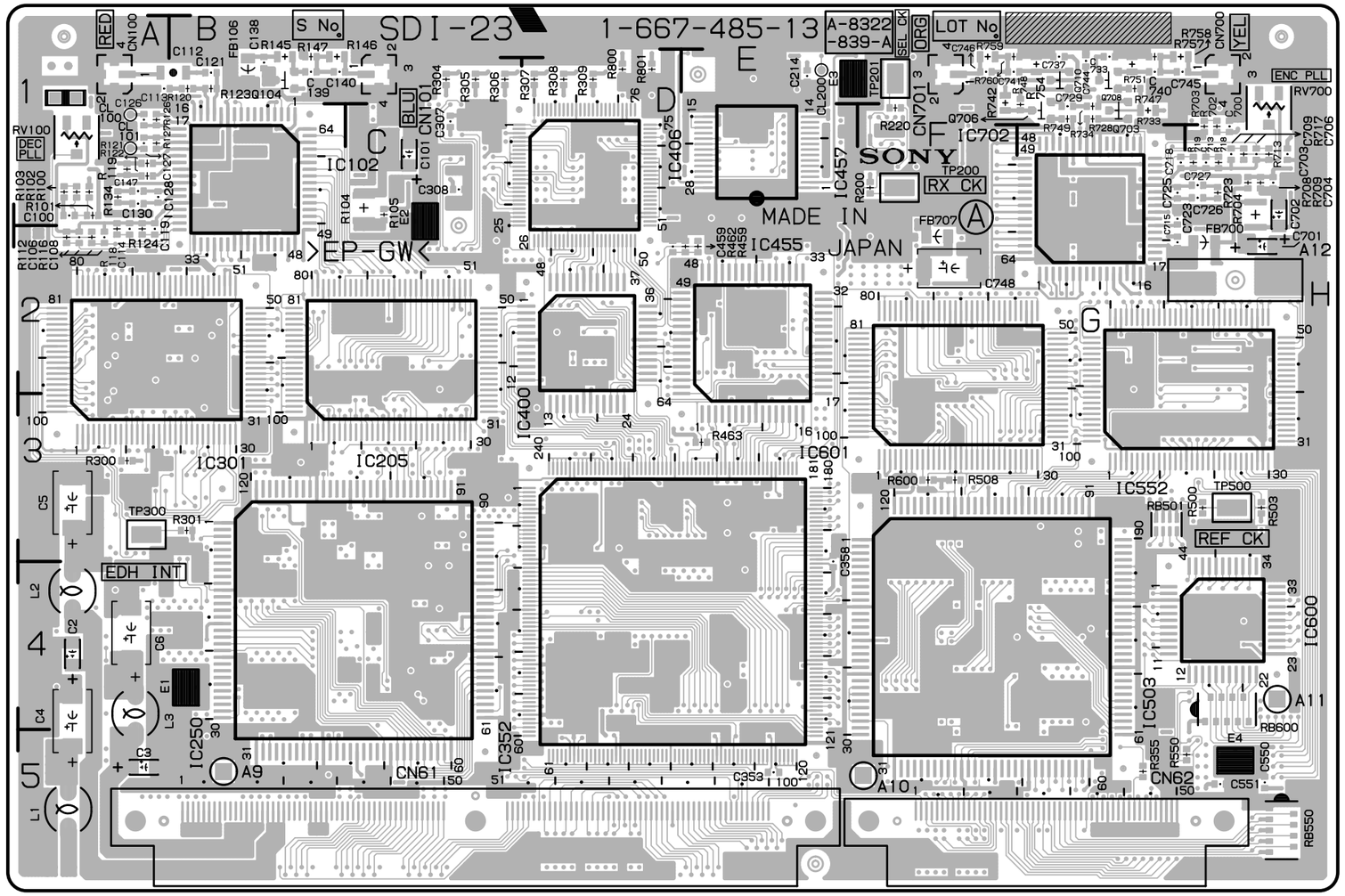


RP-107 -B SIDE-
SUFFIX: -11

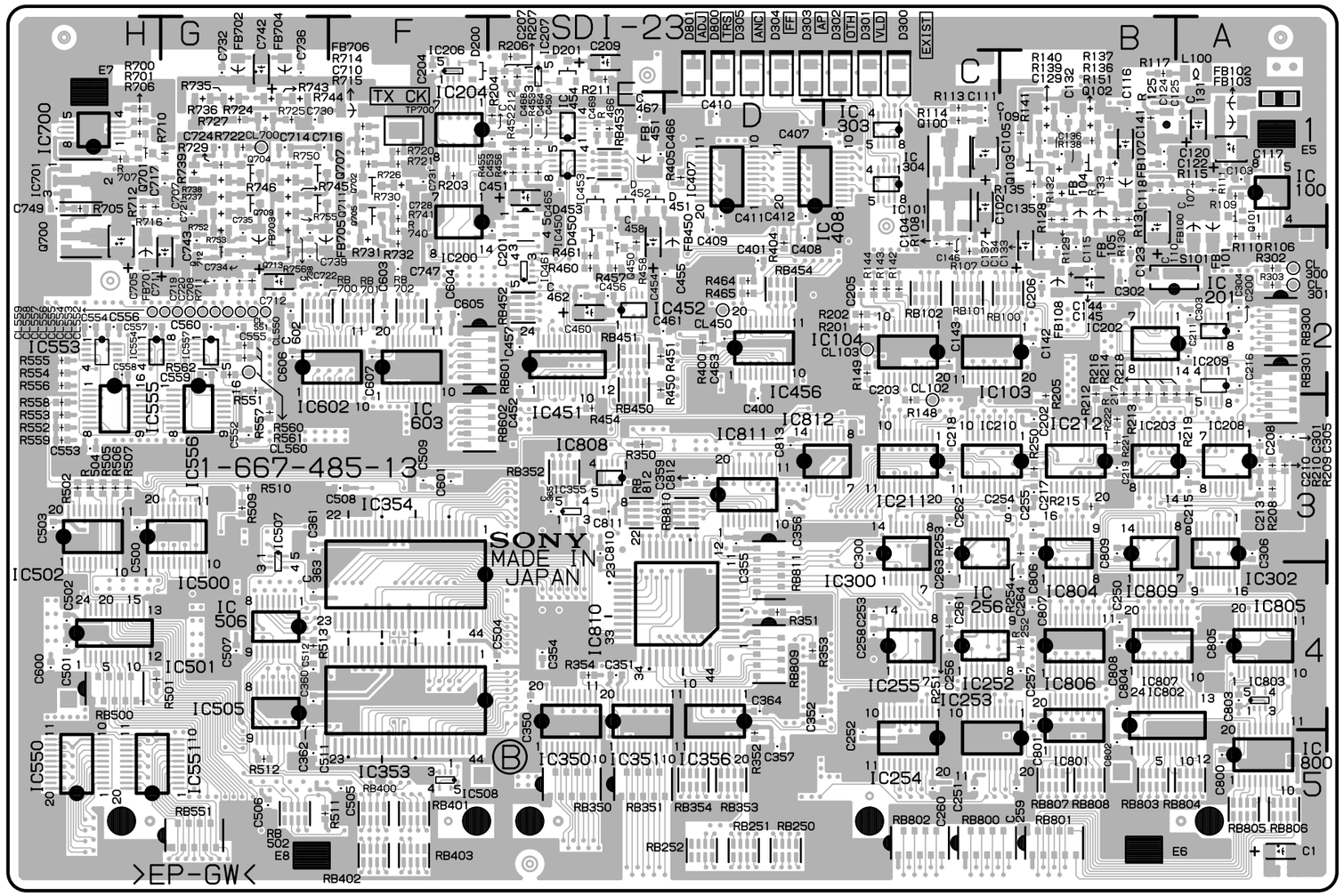
Q613	*H3	R234	*E1	R510	*A3	RV401	C1
Q614	*H3	R235	*E1	R511	A3	RV402	C3
Q651	*B1	R301	*C1	R512	*A1	RV403	B3
Q652	*B1	R302	C1	R513	*A1	RV404	B3
Q653	*B1	R303	*D1	R551	A3		
		R304	*C1	R552	A3	S101	F3
R10	F1	R305	*D1	R553	A3	S151	E1
R11	G1	R306	D1	R554	*A3	S201	E3
R12	G1	R307	C1	R555	A3	S301	D3
R13	G1	R308	*D1	R556	*A3	S401	C3
R14	G1	R309	*C1	R557	*A3		
R15	G1	R310	*D1	R558	*A3	T101	F3
R16	G1	R311	D1	R559	*A3	T102	F3
R17	*G1	R312	*C1	R560	*A3	T201	E3
R18	*G1	R313	*D3	R561	*A3	T202	E3
R19	*G1	R314	*D3	R601	*G3	T301	D3
R20	*G1	R315	*D3	R602	*G3	T302	D3
R21	*G1	R316	*D3	R603	*G3	T401	B3
R22	*G1	R317	*D3	R604	*H3	T402	B3
R23	*G1	R318	*D3	R605	*H3		
R24	*G1	R319	*C3	R606	*H3	TP11	G1
R25	F1	R320	*C3	R607	*G3	TP12	G1
R31	*D1	R321	*C3	R608	*G3	TP21	H1
R32	*D1	R322	D3	R609	*G3	TP22	H1
R33	*D1	R323	C3	R610	*G3	TP51	A1
R34	*D1	R331	D1	R611	*G3	TP101	F3
R35	*D1	R332	D1	R612	*G3	TP102	F3
R36	*D1	R333	*D1	R613	*G3	TP151	E1
R37	*F3	R334	*D1	R614	*G3	TP152	E1
R51	*A1	R335	*D1	R615	H3	TP201	E3
R101	*F1	R351	*C1	R616	H3	TP202	E3
R102	*E1	R352	*C1	R617	*G3	TP301	D3
R103	*F1	R353	C1	R618	*G3	TP302	D3
R104	*F3	R354	C1	R619	*G3	TP351	C1
R105	*F3	R355	*C1	R620	*G3	TP352	C1
R106	*F3	R356	*C1	R621	*G3	TP401	C3
R107	*F3	R357	*C1	R622	*G3	TP402	C3
R108	*F3	R371	*C3	R623	*H3	TP501	A1
R109	*F3	R372	*C3	R624	*G3	TP502	A1
R110	*E3	R373	*B3	R625	*G3	TP551	A1
R111	*E3	R374	*B3	R626	*G3	TP552	A3
R112	*E3	R381	*B3	R627	*G3		
R113	F3	R382	*B3	R628	*G3	W131	F1
R114	E3	R383	*B3	R629	*G3	W132	F1
R131	F1	R384	*B3	R630	H3	W231	D1
R132	F1	R385	B3	R631	H3	W232	E1
R133	*F1	R386	B3	R632	*G3	W331	D1
R134	*F1	R387	B3	R633	*G3	W332	D1
R135	*F1	R391	*B3	R634	G3	W431	B1
R151	*E1	R392	*C3	R635	G3	W432	B1
R152	*E1	R393	*B3	R636	G3		
R153	E1	R394	*C3	R637	H3	*:B SIDE	
R154	E1	R395	C3	R638	*G3		
R155	*E1	R396	C3	R639	*G3		
R156	E1	R397	C3	R640	H3		
R157	*E1	R401	*C1	R641	*G3		
R158	*E1	R402	C1	R642	*G3		
R171	*E3	R403	*B1	R643	*G3		
R172	*E3	R404	*C1	R644	*G3		
R173	*D3	R405	*B1	R645	*H3		
R174	*D3	R406	*C1	R646	*G3		
R181	*D3	R407	*C1	R647	*H3		
R182	*D3	R408	*B1	R648	*H3		
R183	*D3	R409	*B1	R649	*H3		
R184	*D3	R410	*B1	R650	*H3		
R185	D3	R411	C1	R651	*H3		
R186	D3	R412	*B1	R652	*H3		
R187	D3	R413	*C3	R653	B1		
R191	*D3	R414	*C3	R654	A1		
R192	*E3	R415	*C3	R655	B1		
R193	*D3	R416	*C3	R656	B1		
R194	*E3	R417	*B3	R657	B1		
R195	D3	R418	*B3	R658	B1		
R196	E3	R419	*B3	R659	*H1		
R197	D3	R420	*B3	R660	*H1		
R201	*E1	R421	*B3	R661	*G1		
R202	*D1	R422	B3	R662	*G1		
R203	*E1	R423	B3	R663	*G1		
R204	*E3	R431	B1	R664	*G1		
R205	*E3	R432	B1	R665	*H1		
R206	*E3	R433	*B1	R666	*H1		
R207	*E3	R434	*B1				
R208	*E3	R435	*B1	RV101	F3		
R209	*E3	R501	*G1	RV102	F3		
R210	*D3	R502	*G1	RV103	E3		
R211	*D3	R503	A3	RV201	E3		
R212	*D3	R504	A3	RV202	E3		
R213	E3	R505	*A1	RV203	D3		
R214	E3	R506	A3	RV301	C1		
R231	D1	R507	*A3	RV302	D3		
R232	E1	R508	A3	RV303	D3		
R233	*E1	R509	*A3	RV304	C3		

SDI-23 (1-667-485-13)

A9	B5	C263	*C4	C705	*H2	D301	*C1	IC501	*H4
A10	F5	C264	*B4	C706	H1	D302	*C1	IC502	*H4
A11	H4	C300	*C3	C707	*G1	D303	*D1	IC503	F4
		C301	*A3	C708	*G2	D304	*D1	IC505	*G4
C1	*A5	C302	*B2	C709	H1	D305	*D1	IC506	*G4
C2	A4	C303	*A2	C710	*F1	D450	*E2	IC507	*G3
C3	A5	C304	*A2	C711	*G2	D451	*E1	IC508	*F5
C4	A4	C305	*A3	C712	*G2	D452	*E1	IC550	*H5
C5	A3	C306	*A3	C713	H1	D453	*E1	IC551	*G5
C6	A4	C307	C1	C714	*G1	D800	*D1	IC552	H2
C100	A1	C308	C1	C715	G2	D801	*D1	IC553	*H2
C101	C1	C350	*E4	C716	*G1			IC554	*H2
C102	*C1	C351	*E4	C717	*G1	E1	B4	IC555	*H2
C103	*A1	C352	*D4	C718	G1	E2	C1	IC556	*G2
C104	*C2	C353	E5	C719	*G2	E3	E1	IC557	*G2
C105	*C1	C354	*E4	C720	*G2	E4	H5	IC600	H4
C106	A2	C355	*D3	C721	*G1	E5	*A1	IC601	F2
C107	*B1	C356	*D3	C722	*G2	E6	*B5	IC602	*G2
C108	A2	C357	*D5	C723	G1	E7	*H1	IC603	*F2
C109	*C1	C358	E3	C724	*G1	E8	*G5	IC700	*H1
C110	*B2	C359	*D3	C725	G1			IC701	*H1
C111	*C1	C360	*G4	C726	H1	FB100	*A2	IC702	G1
C112	B1	C361	*G3	C727	H1	FB101	*A2	IC800	*A5
C113	A1	C362	*G4	C728	*F1	FB102	*A1	IC801	*B5
C114	A2	C363	*G4	C729	G1	FB103	*A1	IC802	*B5
C115	*B2	C364	*D4	C730	*G1	FB104	*B1	IC803	*A4
C116	*B1	C365	*E3	C731	*F1	FB105	*B1	IC804	*B4
C117	*A1	C400	*D3	C732	*G1	FB106	B1	IC805	*A4
C118	*B1	C401	*D2	C733	G1	FB107	*B1	IC806	*B4
C119	A2	C407	*C1	C734	*G2	FB108	*B2	IC807	*B4
C120	*B1	C408	*D2	C735	*G2	FB450	*D2	IC808	*E3
C121	B1	C409	*D2	C736	*G1	FB451	*E1	IC809	*B4
C122	*B1	C410	*D1	C737	G1	FB700	H2	IC810	*D4
C123	*B2	C411	*D1	C738	*G2	FB701	*H2	IC811	*D3
C124	*B1	C412	*D1	C739	*G2	FB702	*G1	IC812	*D3
C125	*A1	C450	*E1	C740	G1	FB703	*G2		
C126	A1	C451	*E1	C741	F1	FB704	*G1	L1	A5
C127	A1	C452	*E2	C742	*G1	FB705	*G2	L2	A4
C128	A1	C453	*E1	C743	*G2	FB706	*F1	L3	A4
C129	*B1	C454	*E2	C744	G1	FB707	F2	L100	*A1
C130	A1	C455	*D2	C745	G1				
C131	*A1	C456	*E2	C746	F1	IC100	*A1	Q100	*C1
C132	*B1	C457	*E2	C747	*F2	IC101	*C1	Q101	*A1
C133	*B2	C458	*E2	C748	F2	IC102	B1	Q102	*B1
C134	*B2	C459	D2	C749	*H1	IC103	*B2	Q103	*B1
C135	*B1	C460	*E2	C800	*A5	IC104	*C2	Q104	B1
C136	*B1	C461	*E2	C801	*B4	IC200	*F1	Q450	*E2
C137	*B2	C462	*E2	C802	*B5	IC201	*A2	Q700	*H2
C138	B1	C463	*D2	C803	*A4	IC202	*B2	Q701	*H1
C139	B1	C464	*E1	C804	*B4	IC203	*B3	Q702	*F1
C140	B1	C465	*E1	C805	*A4	IC204	*F1	Q703	G1
C141	*B1	C466	*E1	C806	*B3	IC205	C2	Q704	*G1
C142	*B2	C467	*E1	C807	*B4	IC206	*F1	Q705	*F1
C143	*C2	C468	*E1	C808	*B4	IC207	*E1	Q706	G1
C144	*B2	C469	*E1	C809	*B3	IC208	*A3	Q707	*G1
C145	*B2	C500	*H3	C810	*E3	IC209	*A2	Q708	G1
C146	*C2	C501	*H4	C811	*E3	IC210	*B3	Q709	*G1
C147	A1	C502	*H4	C812	*D3	IC211	*C3	Q710	G1
C200	*A2	C503	*H3	C813	*D3	IC212	*B3	Q711	*G1
C201	*E2	C504	*E4			IC250	C4	Q712	*G2
C202	*B3	C505	*F5	CL100	A1	IC252	*C4	Q713	*G2
C203	*C3	C506	*G5	CL101	A1	IC253	*B4		
C204	*F1	C507	*G4	CL102	*C3	IC254	*C4	R100	A1
C205	*C2	C508	*F3	CL103	*C2	IC255	*C4	R101	A1
C206	*B2	C509	*F3	CL200	E1	IC256	*C4	R102	A1
C207	*E1	C511	*G5	CL300	*A2	IC300	*C4	R103	A1
C208	*A3	C512	*G4	CL301	*A2	IC301	A2	R104	C1
C209	*E1	C550	H5	CL450	*D2	IC302	*A3	R105	C1
C210	*A3	C551	H5	CL550	*G2	IC303	*C1	R106	*A2
C211	*A2	C552	*G3	CL551	*G2	IC304	*C1	R107	*C2
C212	*E1	C553	*H3	CL552	*G2	IC350	*E5	R108	*C2
C213	*A3	C554	*H2	CL553	*G2	IC351	*E5	R109	*A1
C214	E1	C555	*G2	CL554	*G2	IC352	D4	R110	*A2
C215	*A3	C556	*H2	CL555	*G2	IC353	*F4	R111	*A1
C216	*A2	C557	*H2	CL556	*G2	IC354	*F3	R112	A2
C217	*B3	C558	*H2	CL557	*G2	IC355	*E3	R113	*C1
C218	*C3	C559	*G2	CL558	*G2	IC356	*D4	R114	*C1
C219	*B3	C560	*G2	CL559	*H2	IC400	D2	R115	*A1
C250	*B4	C600	*H4	CL560	*G2	IC406	D1	R116	A2
C251	*C5	C601	*F3	CL700	*G1	IC407	*D1	R117	*B1
C252	*C5	C602	*G2			IC408	*C1	R118	A2
C253	*C4	C603	*F2	CN61	C5	IC450	*E1	R119	A1
C254	*B3	C604	*F2	CN62	G5	IC451	*E2	R120	B1
C255	*B3	C605	*F2	CN100	A1	IC452	*E2	R121	A1
C256	*C4	C606	*G2	CN101	C1	IC453	*E1	R122	A1
C257	*B4	C607	*F2	CN700	H1	IC454	*E1	R123	B1
C258	*C4	C700	H1	CN701	F1	IC455	E2	R124	A2
C259	*B5	C701	H2			IC456	*D2	R125	*B1
C260	*C5	C702	H1	D200	*F1	IC457	E1	R126	A1
C261	*C4	C703	H1	D201	*E1	IC461	*E2	R127	A1
C262	*C3	C704	H1	D300	*C1	IC500	*H4	R128	*B1



SDI-23 -A SIDE-
SUFFIX: -13

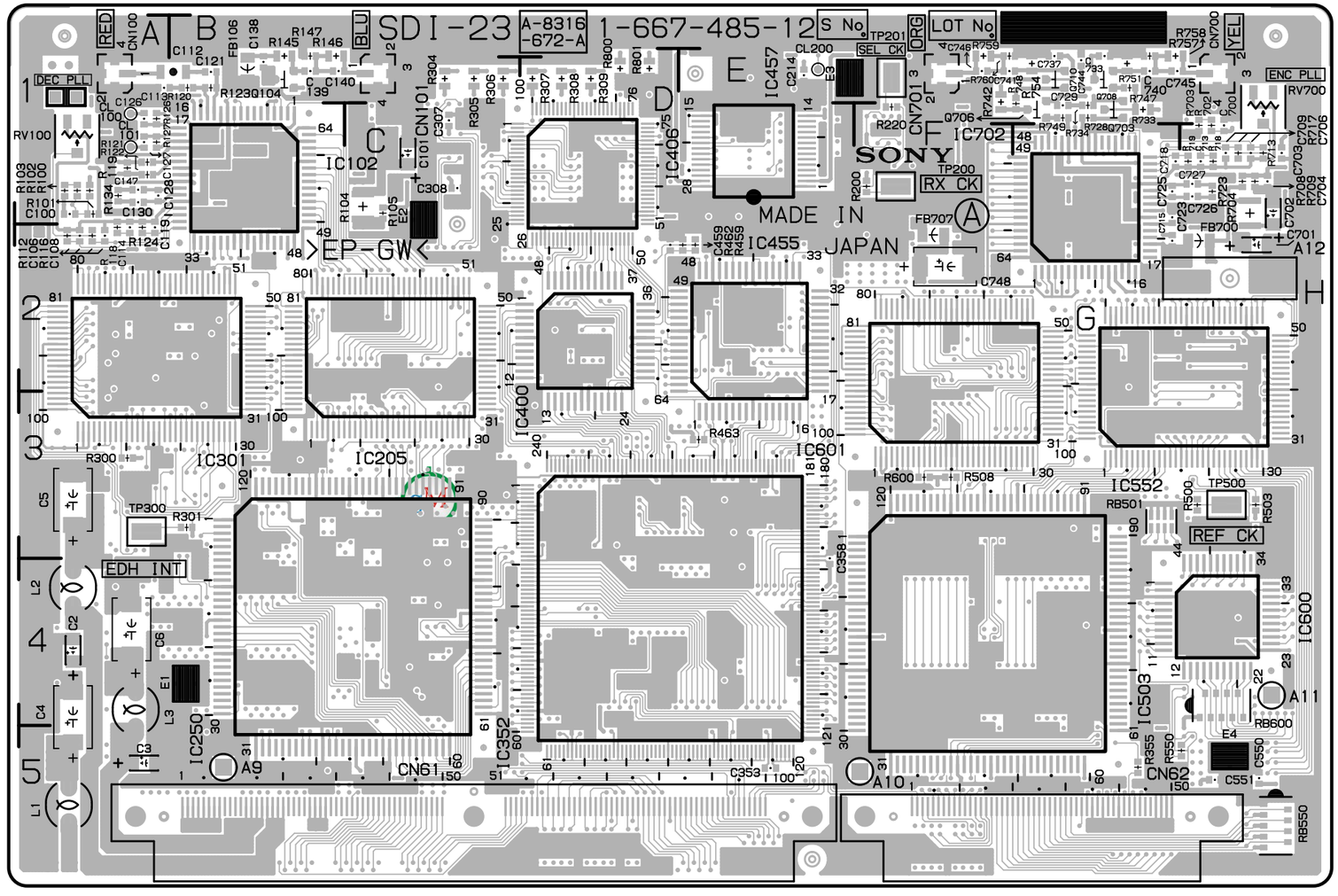


SDI-23 -B SIDE-
SUFFIX: -13

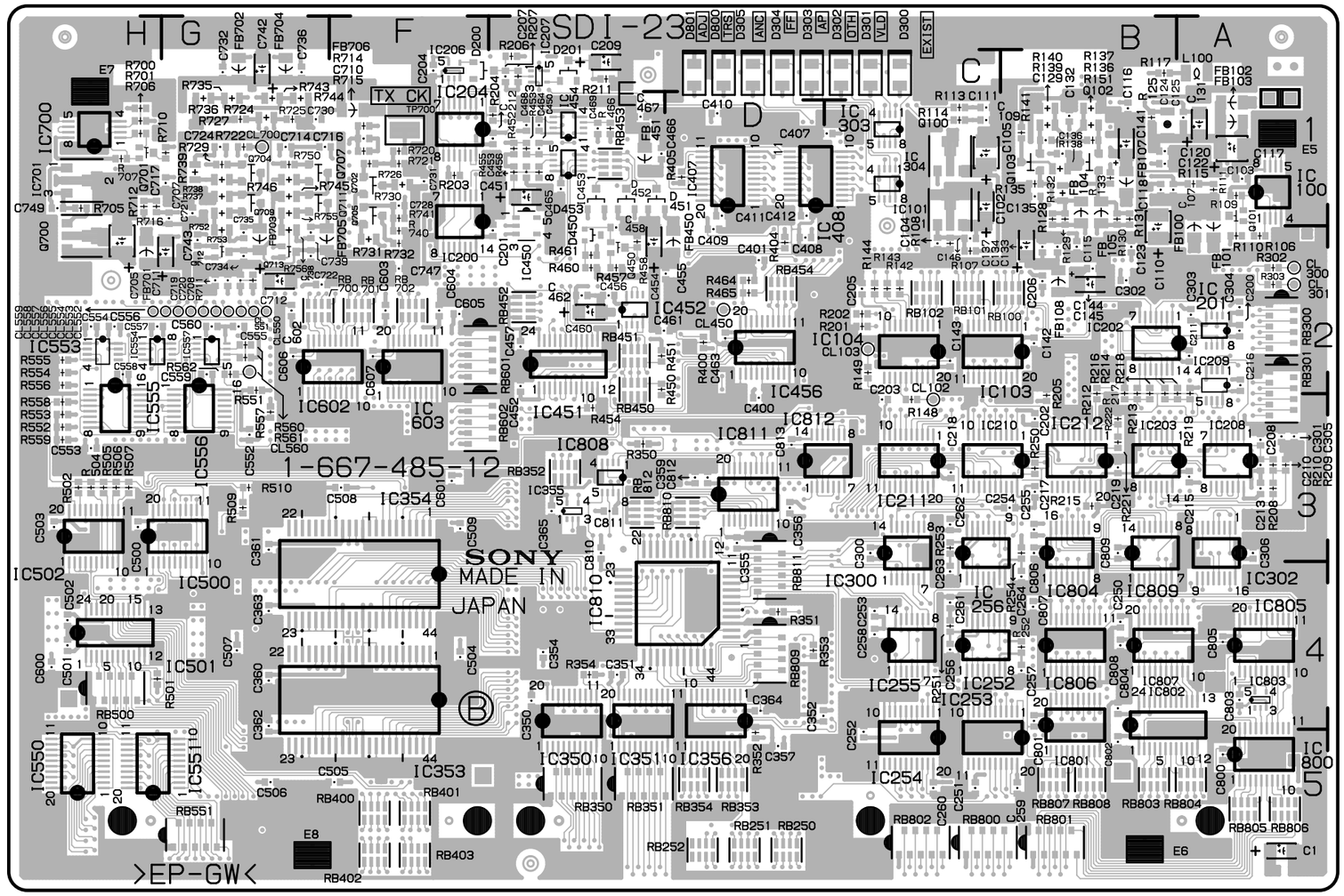
R129	*B1	R505	*H3	RB251	*D5
R130	*B1	R506	*H3	RB252	*D5
R131	*B1	R507	*H3	RB300	*A2
R132	*B1	R508	F3	RB301	*A2
R133	*B1	R509	*G3	RB350	*E5
R134	A1	R510	*G3	RB351	*E5
R135	*B1	R511	*G5	RB352	*E3
R136	*B1	R512	*G5	RB353	*D5
R137	*B1	R513	*G4	RB354	*D5
R138	*B1	R550	H5	RB400	*F5
R139	*B1	R551	*G2	RB401	*F5
R140	*B1	R552	*H3	RB402	*F5
R141	*B1	R553	*H3	RB403	*F5
R142	*C2	R554	*H2	RB450	*E2
R143	*C2	R555	*H2	RB451	*E2
R144	*C2	R556	*H2	RB452	*E2
R145	B1	R557	*G3	RB453	*E1
R146	B1	R558	*H3	RB454	*D2
R147	B1	R559	*H3	RB500	*H4
R148	*C3	R560	*G2	RB501	G3
R149	*C2	R561	*G2	RB502	*G5
R151	*B1	R562	*G2	RB550	H5
R200	F1	R600	F3	RB551	*G5
R201	*C2	R700	*H1	RB600	H4
R202	*C2	R701	*H1	RB601	*F2
R203	*F1	R702	H1	RB602	*F3
R204	*E1	R703	H1	RB700	*G2
R205	*B3	R704	H1	RB701	*F2
R206	*E1	R705	*H1	RB702	*F2
R207	*E1	R706	*H1	RB800	*C5
R208	*A3	R707	*H1	RB801	*B5
R209	*A3	R708	H1	RB802	*C5
R210	*A3	R709	H1	RB803	*B5
R211	*E1	R710	*G1	RB804	*A5
R212	*B2	R711	*G2	RB805	*A5
R213	*B2	R712	*H1	RB806	*A5
R214	*B2	R713	H1	RB807	*B5
R215	*B3	R714	*F1	RB808	*B5
R216	*B2	R715	*F1	RB809	*D4
R217	*B2	R716	*H1	RB810	*D3
R218	*A2	R717	H1	RB811	*D4
R219	*A2	R718	H1	RB812	*E3
R220	F1	R719	H1		
R221	*B3	R720	*F1	RV100	A1
R222	*B3	R721	*F1	RV700	H1
R250	*B3	R722	*G1		
R251	*C4	R723	H1	S101	*B2
R252	*B4	R724	*G1		
R253	*C3	R725	*G1	TP200	F1
R254	*B3	R726	*F1	TP201	F1
R300	A3	R727	*G1	TP300	A3
R301	B3	R728	G1	TP500	H3
R302	*A2	R729	*G1	TP700	*F1
R303	*A2	R730	*F1		
R304	C1	R731	*F2	*:B SIDE	
R305	C1	R732	*F2		
R306	C1	R733	G1		
R307	D1	R734	G1		
R308	D1	R735	*G1		
R309	D1	R736	*G1		
R350	*E3	R737	*G1		
R351	*D4	R738	*G1		
R352	*D5	R739	*G1		
R353	*D4	R740	*F2		
R354	*E4	R741	*F1		
R355	G5	R742	F1		
R400	*D2	R743	*G1		
R404	*D2	R744	*G1		
R405	*D1	R745	*G1		
R450	*E2	R746	*G1		
R451	*E2	R747	G1		
R452	*E1	R748	G1		
R453	*E1	R749	G1		
R454	*E3	R750	*G1		
R455	*E1	R751	G1		
R456	*E1	R752	*G1		
R457	*E2	R753	*G2		
R458	*E2	R754	G1		
R459	E2	R755	*G1		
R460	*E2	R756	*G2		
R461	*E2	R757	G1		
R462	E2	R758	G1		
R463	E3	R759	F1		
R464	*D2	R760	F1		
R465	*D2	R800	D1		
R466	*E1	R801	D1		
R500	H3				
R501	*H4	RB100	*B2		
R502	*H3	RB101	*C2		
R503	H3	RB102	*C2		
R504	*H3	RB250	*D5		

SDI-23 (1-667-485-12)

A9	B5	C264	*B4	C709	H1	D450	*E2	IC554	*H2
A10	F5	C300	*C3	C710	*F1	D451	*E1	IC555	*H2
A11	H4	C301	*A3	C711	*G2	D452	*E1	IC556	*G2
		C302	*B2	C712	*G2	D453	*E1	IC557	*G2
C1	*A5	C303	*A2	C713	H1	D800	*D1	IC600	H4
C2	A4	C304	*A2	C714	*G1	D801	*D1	IC601	F2
C3	A5	C305	*A3	C715	G2			IC602	*G2
C4	A4	C306	*A3	C716	*G1	E1	B4	IC603	*F2
C5	A3	C307	C1	C717	*G1	E2	C1	IC700	*H1
C6	A4	C308	C1	C718	G1	E3	E1	IC701	*H1
C100	A1	C350	*E4	C719	*G2	E4	H5	IC702	G1
C101	C1	C351	*E4	C720	*G2	E5	*A1	IC800	*A5
C102	*C1	C352	*D4	C721	*G1	E6	*B5	IC801	*B5
C103	*A1	C353	E5	C722	*G2	E7	*H1	IC802	*B5
C104	*C2	C354	*E4	C723	G1	E8	*G5	IC803	*A4
C105	*C1	C355	*D3	C724	*G1			IC804	*B4
C106	A2	C356	*D3	C725	G1	FB100	*A2	IC805	*A4
C107	*B1	C357	*D5	C726	H1	FB101	*A2	IC806	*B4
C108	A2	C358	E3	C727	H1	FB102	*A1	IC807	*B4
C109	*C1	C359	*D3	C728	*F1	FB103	*A1	IC808	*E3
C110	*B2	C360	*G4	C729	G1	FB104	*B1	IC809	*B4
C111	*C1	C361	*G3	C730	*G1	FB105	*B1	IC810	*D4
C112	B1	C362	*G4	C731	*F1	FB106	B1	IC811	*D3
C113	A1	C363	*G4	C732	*G1	FB107	*B1	IC812	*D3
C114	A2	C364	*D4	C733	G1	FB108	*B2		
C115	*B2	C365	*E3	C734	*G2	FB450	*D2	L1	A5
C116	*B1	C400	*D3	C735	*G2	FB451	*E1	L2	A4
C117	*A1	C401	*D2	C736	*G1	FB700	H2	L3	A4
C118	*B1	C407	*C1	C737	G1	FB701	*H2	L100	*A1
C119	A2	C408	*D2	C738	*G2	FB702	*G1		
C120	*B1	C409	*D2	C739	*G2	FB703	*G2	Q100	*C1
C121	B1	C410	*D1	C740	G1	FB704	*G1	Q101	*A1
C122	*B1	C411	*D1	C741	F1	FB705	*G2	Q102	*B1
C123	*B2	C412	*D1	C742	*G1	FB706	*F1	Q103	*B1
C124	*B1	C450	*E1	C743	*G2	FB707	F2	Q104	B1
C125	*A1	C451	*E1	C744	G1			Q450	*E2
C126	A1	C452	*E2	C745	G1	IC100	*A1	Q700	*H2
C127	A1	C453	*E1	C746	F1	IC101	*C1	Q701	*H1
C128	A1	C454	*E2	C747	*F2	IC102	B1	Q702	*F1
C129	*B1	C455	*D2	C748	F2	IC103	*B2	Q703	G1
C130	A1	C456	*E2	C749	*H1	IC104	*C2	Q704	*G1
C131	*A1	C457	*E2	C800	*A5	IC200	*F1	Q705	*F1
C132	*B1	C458	*E2	C801	*B4	IC201	*A2	Q706	G1
C133	*B2	C459	D2	C802	*B5	IC202	*B2	Q707	*G1
C134	*B2	C460	*E2	C803	*A4	IC203	*B3	Q708	G1
C135	*B1	C461	*E2	C804	*B4	IC204	*F1	Q709	*G1
C136	*B1	C462	*E2	C805	*A4	IC205	C2	Q710	G1
C137	*B2	C463	*D2	C806	*B3	IC206	*F1	Q711	*G1
C138	B1	C464	*E1	C807	*B4	IC207	*E1	Q712	*G2
C139	B1	C465	*E1	C808	*B4	IC208	*A3	Q713	*G2
C140	B1	C466	*E1	C809	*B3	IC209	*A2		
C141	*B1	C467	*E1	C810	*E3	IC210	*B3	R100	A1
C142	*B2	C468	*E1	C811	*E3	IC211	*C3	R101	A1
C143	*C2	C469	*E1	C812	*D3	IC212	*B3	R102	A1
C144	*B2	C500	*H3	C813	*D3	IC250	C4	R103	A1
C145	*B2	C501	*H4			IC252	*C4	R104	C1
C146	*C2	C502	*H4	CL100	A1	IC253	*B4	R105	C1
C147	A1	C503	*H3	CL101	A1	IC254	*C4	R106	*A2
C200	*A2	C504	*F4	CL102	*C3	IC255	*C4	R107	*C2
C201	*E2	C505	*F5	CL103	*C2	IC256	*C4	R108	*C2
C202	*B3	C506	*G5	CL200	E1	IC300	*C4	R109	*A1
C203	*C3	C507	*G4	CL300	*A2	IC301	A2	R110	*A2
C204	*F1	C508	*F3	CL301	*A2	IC302	*A3	R111	*A1
C205	*C2	C509	*F3	CL450	*D2	IC303	*C1	R112	A2
C206	*B2	C550	H5	CL550	*G2	IC304	*C1	R113	*C1
C207	*E1	C551	H5	CL551	*G2	IC350	*E5	R114	*C1
C208	*A3	C552	*G3	CL552	*G2	IC351	*E5	R115	*A1
C209	*E1	C553	*H3	CL553	*G2	IC352	D4	R116	A2
C210	*A3	C554	*H2	CL554	*G2	IC353	*F4	R117	*B1
C211	*A2	C555	*G2	CL555	*G2	IC354	*F3	R118	A2
C212	*E1	C556	*H2	CL556	*G2	IC355	*E3	R119	A1
C213	*A3	C557	*H2	CL557	*G2	IC356	*D4	R120	B1
C214	E1	C558	*H2	CL558	*G2	IC400	D2	R121	A1
C215	*A3	C559	*G2	CL559	*H2	IC406	D1	R122	A1
C216	*A2	C560	*G2	CL560	*G2	IC407	*D1	R123	B1
C217	*B3	C600	*H4	CL700	*G1	IC408	*C1	R124	A2
C218	*C3	C601	*F3			IC450	*E1	R125	*B1
C219	*B3	C602	*G2	CN61	C5	IC451	*E2	R126	A1
C250	*B4	C603	*F2	CN62	G5	IC452	*E2	R127	A1
C251	*C5	C604	*F2	CN100	A1	IC453	*E1	R128	*B1
C252	*C5	C605	*F2	CN101	C1	IC454	*E1	R129	*B1
C253	*C4	C606	*G2	CN700	H1	IC455	E2	R130	*B1
C254	*B3	C607	*F2	CN701	F1	IC456	*D2	R131	*B1
C255	*B3	C700	H1			IC457	E1	R132	*B1
C256	*C4	C701	H2	D200	*F1	IC500	*H4	R133	*B1
C257	*B4	C702	H1	D201	*E1	IC501	*H4	R134	A1
C258	*C4	C703	H1	D300	*C1	IC502	*H4	R135	*B1
C259	*B5	C704	H1	D301	*C1	IC503	F4	R136	*B1
C260	*C5	C705	*H2	D302	*C1	IC550	*H5	R137	*B1
C261	*C4	C706	H1	D303	*D1	IC551	*G5	R138	*B1
C262	*C3	C707	*G1	D304	*D1	IC552	H2	R139	*B1
C263	*C4	C708	*G2	D305	*D1	IC553	*H2	R140	*B1



SDI-23 -A SIDE-
SUFFIX: -12

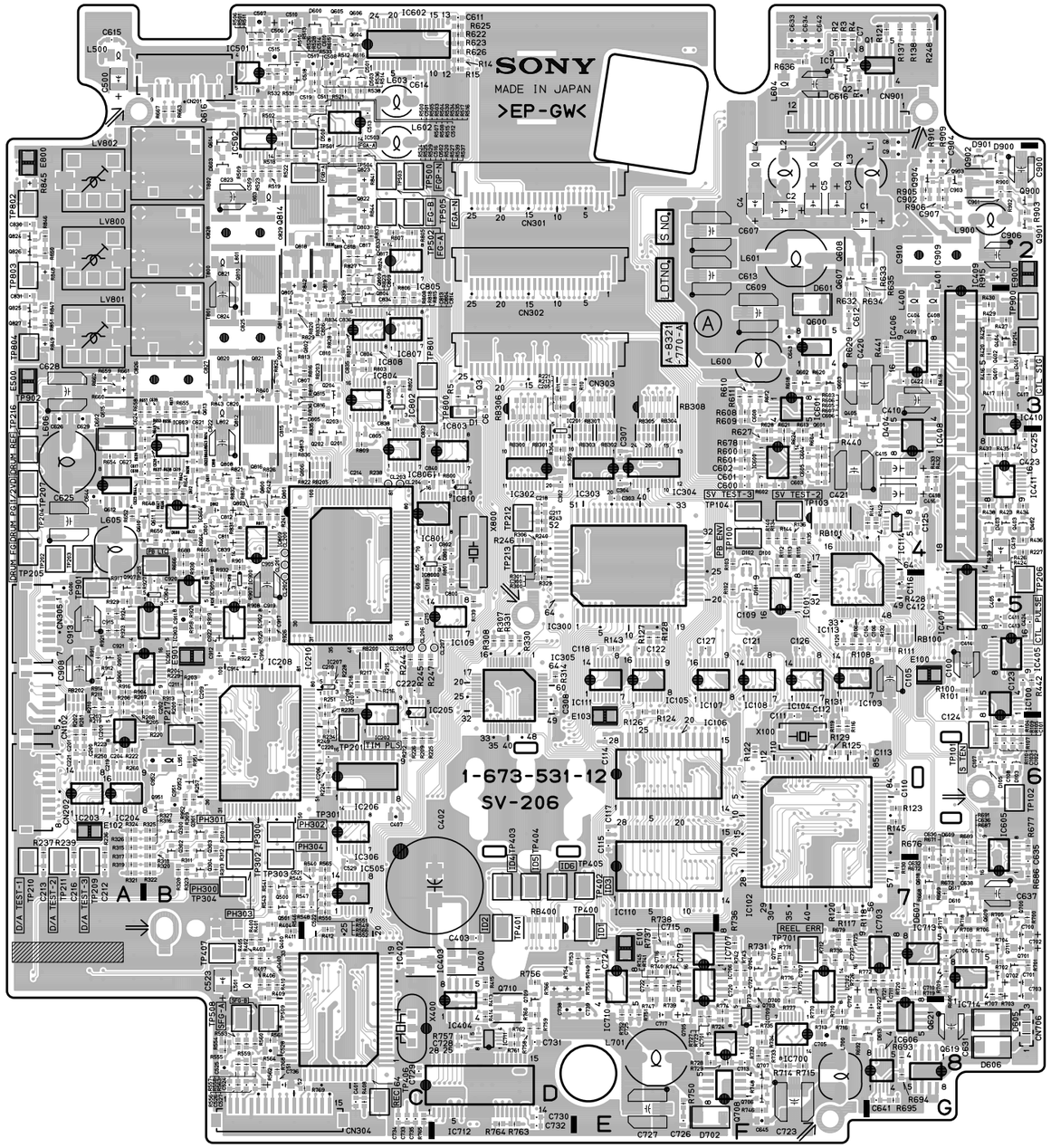


SDI-23 -B SIDE-
SUFFIX: -12

R141	*B1	R557	*G3	RB454	*D2
R142	*C2	R558	*H3	RB500	*H4
R143	*C2	R559	*H3	RB501	G3
R144	*C2	R560	*G2	RB550	H5
R145	B1	R561	*G2	RB551	*G5
R146	B1	R562	*G2	RB600	H4
R147	B1	R600	F3	RB601	*F2
R148	*C3	R700	*H1	RB602	*F3
R149	*C2	R701	*H1	RB700	*G2
R151	*B1	R702	H1	RB701	*F2
R200	F1	R703	H1	RB702	*F2
R201	*C2	R704	H1	RB800	*C5
R202	*C2	R705	*H1	RB801	*B5
R203	*F1	R706	*H1	RB802	*C5
R204	*E1	R707	*H1	RB803	*B5
R205	*B3	R708	H1	RB804	*A5
R206	*E1	R709	H1	RB805	*A5
R207	*E1	R710	*G1	RB806	*A5
R208	*A3	R711	*G2	RB807	*B5
R209	*A3	R712	*H1	RB808	*B5
R210	*A3	R713	H1	RB809	*D4
R211	*E1	R714	*F1	RB810	*D3
R212	*B2	R715	*F1	RB811	*D4
R213	*B2	R716	*H1	RB812	*E3
R214	*B2	R717	H1		
R215	*B3	R718	H1	RV100	A1
R216	*B2	R719	H1	RV700	H1
R217	*B2	R720	*F1		
R218	*A2	R721	*F1	TP200	F1
R219	*A2	R722	*G1	TP201	F1
R220	F1	R723	H1	TP300	A3
R221	*B3	R724	*G1	TP500	H3
R222	*B3	R725	*G1	TP700	*F1
R250	*B3	R726	*F1		
R251	*C4	R727	*G1	*:B SIDE	
R252	*B4	R728	G1		
R253	*C3	R729	*G1		
R254	*B3	R730	*F1		
R300	A3	R731	*F2		
R301	B3	R732	*F2		
R302	*A2	R733	G1		
R303	*A2	R734	G1		
R304	C1	R735	*G1		
R305	C1	R736	*G1		
R306	C1	R737	*G1		
R307	D1	R738	*G1		
R308	D1	R739	*G1		
R309	D1	R740	*F2		
R350	*E3	R741	*F1		
R351	*D4	R742	F1		
R352	*D5	R743	*G1		
R353	*D4	R744	*G1		
R354	*E4	R745	*G1		
R355	G5	R746	*G1		
R400	*D2	R747	G1		
R404	*D2	R748	G1		
R405	*D1	R749	G1		
R450	*E2	R750	*G1		
R451	*E2	R751	G1		
R452	*E1	R752	*G1		
R453	*E1	R753	*G2		
R454	*E3	R754	G1		
R455	*E1	R755	*G1		
R456	*E1	R756	*G2		
R457	*E2	R757	G1		
R458	*E2	R758	G1		
R459	E2	R759	F1		
R460	*E2	R760	F1		
R461	*E2	R800	D1		
R462	E2	R801	D1		
R463	E3				
R464	*D2	RB100	*B2		
R465	*D2	RB101	*C2		
R466	*E1	RB102	*C2		
R500	H3	RB250	*D5		
R501	*H4	RB251	*D5		
R502	*H3	RB252	*D5		
R503	H3	RB300	*A2		
R504	*H3	RB301	*A2		
R505	*H3	RB350	*E5		
R506	*H3	RB351	*E5		
R507	*H3	RB352	*E3		
R508	F3	RB353	*D5		
R509	*G3	RB354	*D5		
R510	*G3	RB400	*F5		
R550	H5	RB401	*F5		
R551	*G2	RB402	*F5		
R552	*H3	RB403	*F5		
R553	*H3	RB450	*E2		
R554	*H2	RB451	*E2		
R555	*H2	RB452	*E2		
R556	*H2	RB453	*E1		

SV-206(1-673-531-12)

C1	F2	C500	A1	C723	F8	CN101	*F1	IC201	D4			Q823	C2	R223	A6
C2	F2	C501	B1	C724	E7	CN102	A5	IC202	C6	LV800	A2	Q824	A2	R224	C6
C3	F2	C506	B1	C725	E8	CN201	B1	IC203	A6	LV801	A3	Q825	A3	R225	C6
C4	F2	C507	B1	C726	E8	CN202	A6	IC204	A6	LV802	A2	Q826	A2	R226	C6
C5	F2	C508	C1	C727	E8	CN301	D2	IC205	C5			Q827	A3	R227	G4
C6	D3	C509	B2	C728	D8	CN302	D2	IC206	C6	PH300	*B7	Q900	G2	R228	C5
C7	F1	C510	B1	C729	C8	CN303	D3	IC207	C5	PH301	*B6	Q901	G2	R229	B5
C8	G1	C511	C1	C730	D8	CN304	B8	IC208	B6	PH302	*B6	Q902	G2	R234	C6
C9	G2	C512	C1	C731	D8	CN305	A5	IC210	C4	PH303	*A6	Q903	G2	R235	C5
C100	G5	C513	C1	C732	D8	CN401	*G2	IC300	E4	PH304	*A7	Q904	G2	R236	A6
C101	G6	C514	B1	C733	C8	CN601	*A2	IC302	D4	PH400	*A7	Q905	A5	R237	A6
C102	G6	C515	B1	C734	C8	CN701	*E1	IC303	E4	PH500	*C6	Q906	A5	R238	C4
C103	G6	C516	C2	C735	C8	CN702	*A1	IC304	E4	PH501	*B7	Q907	A5	R239	A6
C104	G5	C517	C1	C736	B8	CN703	*A5	IC305	D5			Q951	B6	R240	D4
C105	G5	C518	B1	C737	F7	CN704	*G5	IC306	C6	Q1	G1	Q952	B6	R241	B4
C106	G5	C519	C1	C738	D8	CN705	*G7	IC400	*B8	Q2	F1			R242	B4
C107	G6	C521	C7	C739	E8	CN706	*G8	IC402	C8	Q3	D3	R1	F1	R243	D4
C108	G6	C522	C7	C800	D5	CN707	*C6	IC403	C7	Q201	C4	R2	F1	R244	C5
C109	F5	C523	B7	C801	D4	CN901	F1	IC404	D8	Q202	C4	R3	F1	R245	C5
C110	G6	C524	B8	C802	C4			IC405	G5	Q203	C3	R4	F1	R246	D4
C111	F6	C525	B8	C803	C3	D1	D3	IC406	G3	Q204	C3	R5	D3	R247	C5
C112	F6	C526	B8	C804	C3	D100	F4	IC407	G5	Q300	B6	R10	D3	R248	G1
C113	F6	C527	B8	C805	C4	D101	F5	IC408	G4	Q301	B6	R11	D3	R249	C6
C114	E6	C528	B8	C806	C3	D102	F4	IC409	G3	Q302	B6	R14	D1	R250	A6
C115	E6	C529	C7	C807	B3	D103	G6	IC410	G3	Q303	B6	R15	D1	R251	C5
C116	G5	C600	F4	C808	B4	D105	G6	IC411	G4	Q304	B7	R100	G5	R257	B6
C117	E6	C601	F4	C809	C2	D106	*G1	IC500	*C8	Q400	B7	R101	G5	R260	A6
C118	E5	C602	F4	C810	C3	D107	*G1	IC501	B1	Q401	G3	R102	F5	R300	D4
C119	D5	C603	F4	C811	B4	D108	*G1	IC502	B1	Q402	G3	R103	F4	R301	D4
C120	F5	C604	F4	C812	B4	D200	*G1	IC503	C1	Q403	G4	R104	G6	R304	D4
C121	F5	C605	F4	C813	C3	D400	D7	IC505	C7	Q404	G3	R105	G6	R305	D4
C122	E5	C606	F4	C814	C3	D401	G3	IC506	*B8	Q405	F3	R106	F5	R306	D4
C123	G5	C607	E2	C815	B4	D402	G4	IC600	F4	Q500	B7	R107	G6	R307	D5
C124	G5	C608	F3	C816	B3	D403	G4	IC601	F3	Q501	B7	R108	F5	R308	D5
C125	G4	C609	F3	C817	C2	D404	G3	IC602	C1	Q600	F3	R109	G6	R309	B6
C126	F5	C610	C1	C818	C2	D500	C1	IC603	B4	Q601	F4	R110	G6	R310	B6
C127	E5	C611	D1	C819	C2	D501	C1	IC604	B4	Q602	F3	R111	G5	R311	B6
C200	A6	C612	F3	C820	B3	D502	C2	IC605	G7	Q603	F3	R112	F4	R312	B6
C201	A6	C613	E2	C821	B3	D503	C1	IC606	G8	Q604	C1	R113	F4	R313	B7
C202	B5	C614	C1	C822	B4	D600	C1	IC700	F8	Q605	C1	R114	F4	R314	D5
C203	A5	C615	A1	C823	B2	D601	F3	IC701	F8	Q606	C1	R115	F4	R315	A6
C204	A6	C616	F1	C824	B3	D602	A4	IC702	F7	Q607	F2	R116	F6	R316	B6
C205	D3	C617	B4	C825	B3	D603	B2	IC703	G7	Q608	F2	R117	F7	R317	A6
C206	C6	C618	B4	C826	B3	D605	G8	IC706	F7	Q609	G7	R118	F7	R318	B6
C207	C5	C619	B4	C827	B3	D606	G8	IC707	F7	Q610	B4	R119	F6	R319	A7
C208	C5	C620	B4	C828	B2	D607	G7	IC709	F8	Q611	B4	R120	F7	R320	B7
C209	B5	C621	B3	C829	B2	D608	B4	IC710	E7	Q612	A4	R121	G1	R321	A7
C210	C5	C622	B4	C830	A2	D609	G6	IC711	D8	Q613	B3	R122	F6	R322	B7
C211	B6	C623	A4	C831	A3	D610	G7	IC712	D8	Q614	B1	R123	G6	R323	B7
C212	A7	C624	A3	C832	C4	D611	B4	IC713	G7	Q615	A3	R124	E5	R324	A6
C213	A7	C625	A4	C833	C2	D612	B4	IC714	G7	Q616	B1	R125	F6	R325	B6
C214	C4	C626	A3	C834	C3	D613	G8	IC801	C4	Q617	G7	R126	E5	R326	A6
C215	C5	C627	A4	C835	C3	D700	F7	IC802	C3	Q618	G7	R127	E5	R327	B6
C216	A7	C628	A3	C836	C3	D702	E8	IC803	D4	Q619	G8	R128	E5	R328	B7
C217	D4	C629	A3	C838	C3	D801	B4	IC804	C3	Q621	G8	R129	F6	R329	D5
C218	D4	C630	G7	C839	B4	D802	B4	IC805	C2	Q622	B4	R130	G7	R330	D5
C219	A6	C631	G8	C840	C4	D803	C2	IC806	C4	Q700	G7	R131	F5	R331	D5
C220	C6	C632	G7	C900	G2	D804	C3	IC807	C3	Q701	G7	R132	G5	R400	B7
C221	A6	C633	F1	C901	G2	D805	B3	IC808	C3	Q702	G7	R134	F4	R401	B7
C222	C5	C634	F1	C902	G2	D900	G2	IC809	B4	Q703	F7	R135	F4	R402	B7
C300	D4	C635	G7	C903	G2	D901	G2	IC810	D4	Q704	F7	R136	F4	R403	B7
C302	D4	C636	G7	C904	G2			IC900	B5	Q705	E8	R137	G1	R404	B7
C303	E4	C637	G7	C905	B5	E100	G5	IC901	A5	Q706	F8	R138	G1	R405	B7
C304	E4	C638	G7	C906	G2	E101	E7	IC902	B5	Q707	F8	R139	D5	R406	B7
C307	E4	C639	B3	C907	G2	E102	A6	IC903	A5	Q708	F8	R140	F4	R407	B7
C308	D5	C640	B4	C908	A5	E103	E6	IC904	B5	Q709	D7	R141	G4	R408	C8
C400	B7	C641	G8	C909	G2	E200	*A4	IC905	B5	Q710	D8	R142	G4	R409	B7
C401	C8	C642	F1	C910	G2	E201	*A3	IC8000	C4	Q711	G7	R143	E5	R410	B7
C402	D7	C643	F3	C911	B5	E400	*G3			Q712	F7	R144	F4	R411	B7
C403	D7	C644	A4	C912	B5	E500	A3	L1	G2	Q800	B4	R145	G6	R412	C7
C404	G3	C645	F8	C913	A5	E700	*G7	L2	F2	Q801	B4	R200	B5	R413	D7
C405	G5	C700	G7	C914	B5	E800	A2	L3	F2	Q802	B3	R201	A6	R414	D8
C406	A5	C701	G7	C915	A5	E900	G2	L4	F2	Q803	B4	R202	A6	R415	D7
C407	C6	C702	G7	C916	B5	E901	B5	L5	F2	Q804	C3	R203	B5	R416	G3
C408	G3	C703	G7	C917	B5			L400	G3	Q805	B3	R204	B5	R417	G3
C409	G3	C704	G7	C918	B5	IC1	F1	L401	G3	Q806	B4	R205	A5	R418	G3
C410	G3	C705	F8	C919	B5	IC100	G5	L500	A1	Q807	B3	R206	A5	R420	G3
C411	G5	C706	G7	C920	B5	IC101	F5	L501	B7	Q808	B4	R207	A5	R423	G4
C412	G5	C707	F7	C921	A5	IC102	F6	L600	F3	Q809	C2	R208	A5	R424	G5
C413	G5	C710	G7	C922	B5	IC103	F5	L601	F2	Q810	B2	R209	C6	R425	G3
C414	G5	C711	G7	C951	B6	IC104	F5	L602	C1	Q811	B3	R210	A5	R426	G5
C415	G4	C712	F8	C952	B6	IC105	E5	L603	C1	Q812	B4	R211	A5	R427	G3
C416	G4	C713	F8			IC106	E6	L604	F1	Q813	B4	R212	C6	R428	G5
C417	G3	C714	G8	CL200	B4	IC107	E5	L605	A4	Q814	C2	R213	D3	R429	G3
C418	G4	C715	E7	CL201	B4	IC108	F5	L606	A4	Q815	B3	R215	C5	R430	G3
C419	G4	C716	E7	CL202	B5	IC109	D5	L700	F8	Q816	B4	R216	C5	R431	G3
C420	F3	C717	E8	CL203	C4	IC110	E7	L701	E8	Q817	C2	R217	C5	R432	G4
C421	F4	C718	E7	CL204	C4	IC111	E5	L801	B2	Q818	B2	R218	C5	R433	G4
C422	G3	C719	E7	CL205	C5	IC112	*F7	L802	B3	Q819	C2	R219	A6	R434	G4
C423	G4	C720	F7	CL206	C5	IC113	F5	L803	B2	Q820	B3	R220	B6	R435	G4
C424	G5	C721	F7	CL207	D5	IC114	G4	L900	G2	Q821	B3	R221	D3	R436	G4
C425	G4	C722	E7			IC200	A6	L951	B6	Q822	C2	R222	A6	R437	G4



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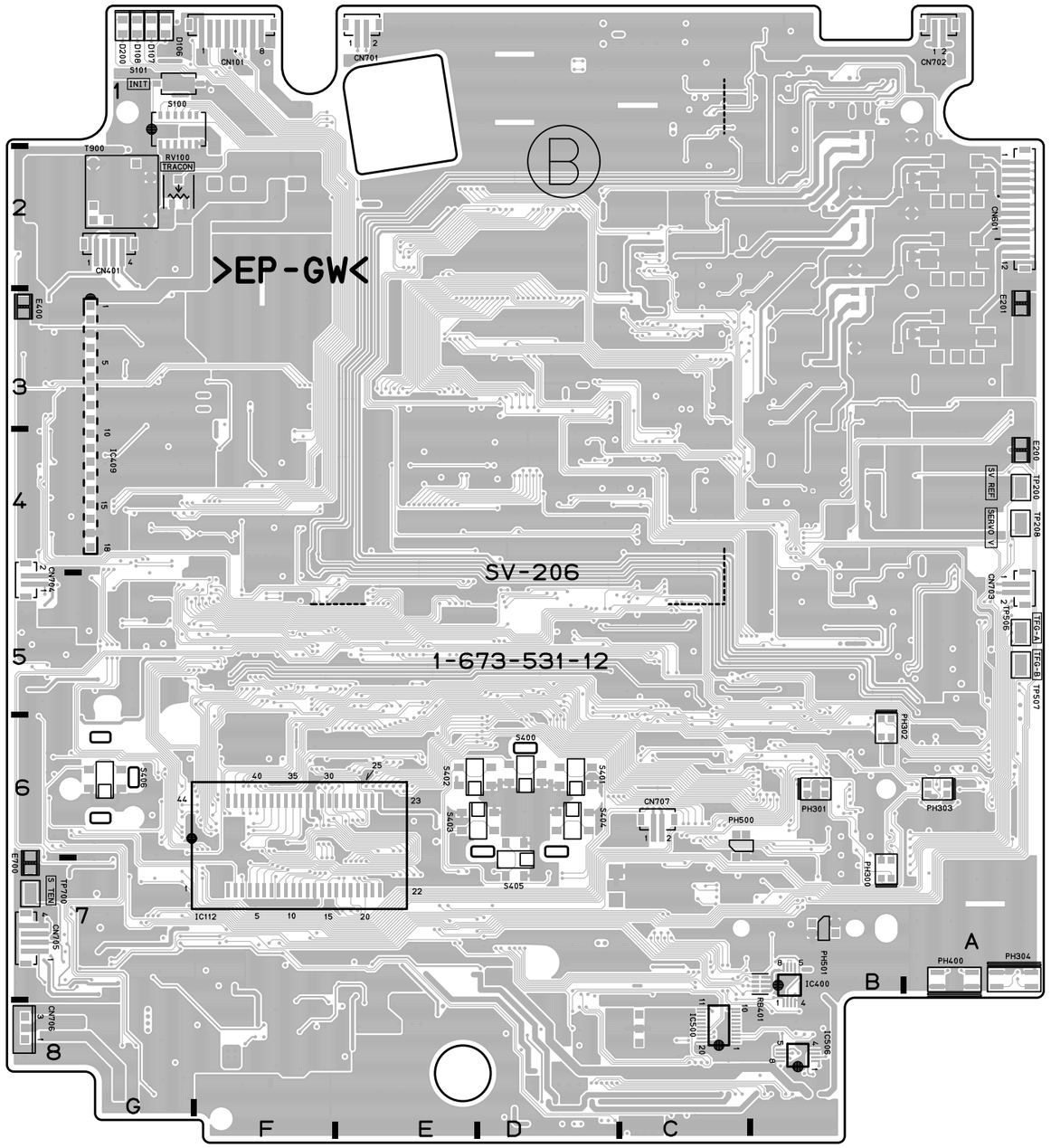

SV-206 -B SIDE-
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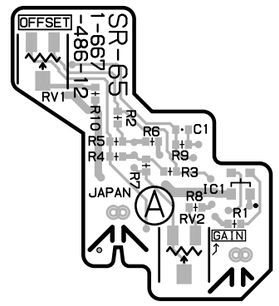

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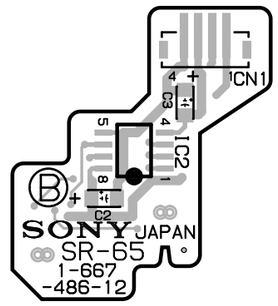

SR-65 -B SIDE-
SUFFIX: -12

R438	G4	R553	B8	R645	B4	R715	F8	R772	F7	R901	B4	S100	*G1	TP505	C2
R439	G4	R554	B8	R646	B4	R716	F8	R773	F8	R902	G2	S101	*G1	TP506	*A5
R440	F4	R555	B8	R647	B4	R717	G7	R774	F8	R903	G2	S400	*D6	TP507	*A5
R441	G3	R556	B8	R648	B4	R718	G7	R775	F7	R904	B5	S401	*D6	TP508	B8
R442	G5	R557	B8	R650	B4	R719	G7	R776	F7	R905	G2	S402	*E6	TP509	B8
R500	B1	R558	B8	R652	A4	R720	G7	R777	F8	R906	G2	S403	*D6	TP700	*G7
R501	B1	R559	B8	R653	B3	R721	G7	R800	D4	R907	B5	S404	*D6	TP701	F7
R502	B1	R560	B8	R654	A4	R722	G7	R801	D4	R908	B5	S405	*D7	TP800	C3
R503	B1	R561	B8	R655	B3	R723	E8	R802	C3	R909	G2	S406	*G6	TP801	C3
R504	B1	R562	B8	R656	B3	R724	F8	R803	C3	R910	G2			TP802	A2
R505	B1	R563	B8	R657	B3	R725	F7	R805	C2	R911	A5	T800	B2	TP803	A2
R506	B1	R564	B8	R658	A3	R726	F7	R806	C3	R912	A5	T801	B3	TP804	A3
R507	B1	R565	C7	R659	A3	R727	E8	R807	C2	R913	B5	T802	B2	TP900	G3
R508	B1	R566	C7	R660	A3	R728	E8	R808	C3	R914	A5	T900	*G2	TP901	A5
R509	B2	R600	F4	R661	A3	R729	F8	R809	C4	R915	G2			TP902	A3
R510	B1	R601	F4	R662	A3	R730	F7	R812	C3	R916	A5	TP100	F4		
R511	B1	R602	F4	R663	B1	R731	F7	R813	B3	R917	A5	TP101	G6	X100	F6
R512	C1	R603	F4	R664	B4	R732	F8	R814	B4	R918	B5	TP102	G6	X400	C8
R513	B1	R604	F4	R665	B4	R733	F8	R815	C3	R919	B5	TP103	F4	X800	D4
R514	C1	R605	F4	R666	B4	R734	F8	R816	C3	R920	B5	TP104	F4		
R515	B1	R606	F4	R667	B1	R735	F8	R817	B4	R921	A5	TP200	*A4	*:B SIDE	
R516	C1	R607	F4	R668	G7	R736	F7	R818	C3	R922	B5	TP201	C6		
R517	C1	R608	F3	R669	G7	R737	E7	R819	C3	R923	A5	TP202	A4		
R518	B1	R609	F3	R671	G7	R738	E7	R820	B3	R924	A5	TP203	A4		
R519	B2	R610	F3	R672	G7	R739	E7	R821	B4	R925	B5	TP204	A4		
R520	C2	R611	F3	R673	G7	R740	E7	R822	B4	R926	B5	TP205	A4		
R521	C1	R612	F3	R676	G6	R741	E7	R823	C2	R927	A5	TP206	G5		
R522	B2	R613	F4	R677	G6	R742	F7	R824	C2	R928	B5	TP207	A4		
R523	B2	R614	B4	R678	F4	R743	F7	R825	B3	R929	A5	TP208	*A4		
R524	B2	R615	C1	R679	F7	R744	E7	R826	B4	R930	B4	TP209	A7		
R525	B2	R616	C1	R680	G7	R745	E7	R827	C2	R931	B4	TP210	A7		
R526	B1	R617	B3	R686	G7	R746	F8	R828	C3	R932	B5	TP211	A7		
R527	C2	R618	F3	R687	G7	R747	E7	R829	B3	R933	B5	TP212	D4		
R528	B1	R620	F3	R688	B4	R748	F8	R830	B4	R951	B6	TP213	D4		
R529	B2	R621	F4	R689	G6	R749	E7	R831	B4	R952	B6	TP214	G3		
R530	B1	R622	D1	R690	B4	R750	E8	R832	B4			TP215	B4		
R531	B1	R623	D1	R691	G6	R751	E8	R833	C3	RB100	G5	TP216	A4		
R532	B1	R624	F4	R692	F8	R752	E8	R834	C3	RB101	F4	TP217	B6		
R533	C1	R625	D1	R693	G8	R753	E7	R835	C3	RB200	C5	TP300	B6		
R534	B1	R626	D1	R694	G8	R754	D7	R836	C3	RB202	A5	TP301	B6		
R535	C1	R627	F4	R695	G8	R755	E7	R837	C2	RB203	C3	TP302	B7		
R536	C1	R628	F4	R700	G7	R756	D7	R838	C2	RB205	C4	TP303	B7		
R537	C2	R629	F3	R701	G7	R757	D8	R839	C2	RB300	D4	TP304	B7		
R538	C1	R632	F3	R702	G7	R758	D8	R840	B3	RB301	D4	TP400	E7		
R539	C2	R633	G2	R703	G7	R759	D8	R841	C2	RB302	E4	TP401	D7		
R540	C7	R634	G3	R704	G7	R760	D8	R842	B2	RB303	E4	TP402	E7		
R541	B7	R635	F2	R705	G7	R761	D8	R843	B3	RB304	E4	TP403	D7		
R543	B7	R636	F1	R706	G7	R762	D8	R844	C2	RB305	E4	TP404	D7		
R545	B7	R637	B4	R707	G7	R763	D8	R845	A2	RB306	D3	TP405	D7		
R546	B7	R638	B4	R708	G7	R764	D8	R846	A2	RB307	E3	TP406	C8		
R547	C7	R639	B4	R709	G7	R765	C8	R847	A3	RB308	E3	TP407	B7		
R548	C7	R640	B4	R710	F8	R766	D7	R848	A2	RB400	D7	TP500	C2		
R549	C7	R641	B4	R711	F7	R768	B8	R849	A3	RB401	*B7	TP501	C1		
R550	C7	R642	B4	R712	F7	R769	C8	R850	A2			TP502	C2		
R551	C7	R643	B4	R713	F8	R770	F8	R851	A3	RV100	*G2	TP503	C2		
R552	C7	R644	B4	R714	F8	R771	F7	R900	G2			TP504	C2		

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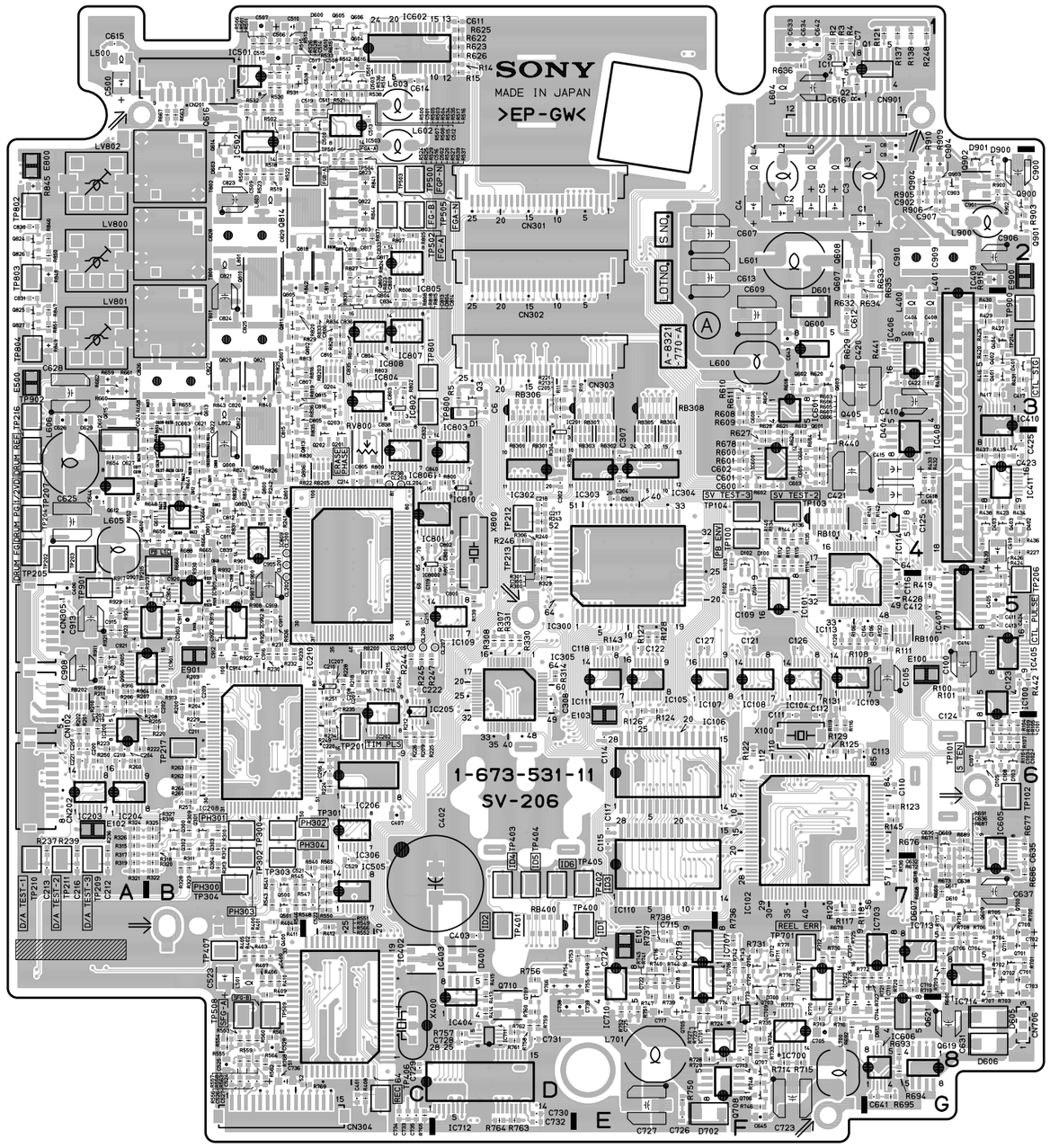
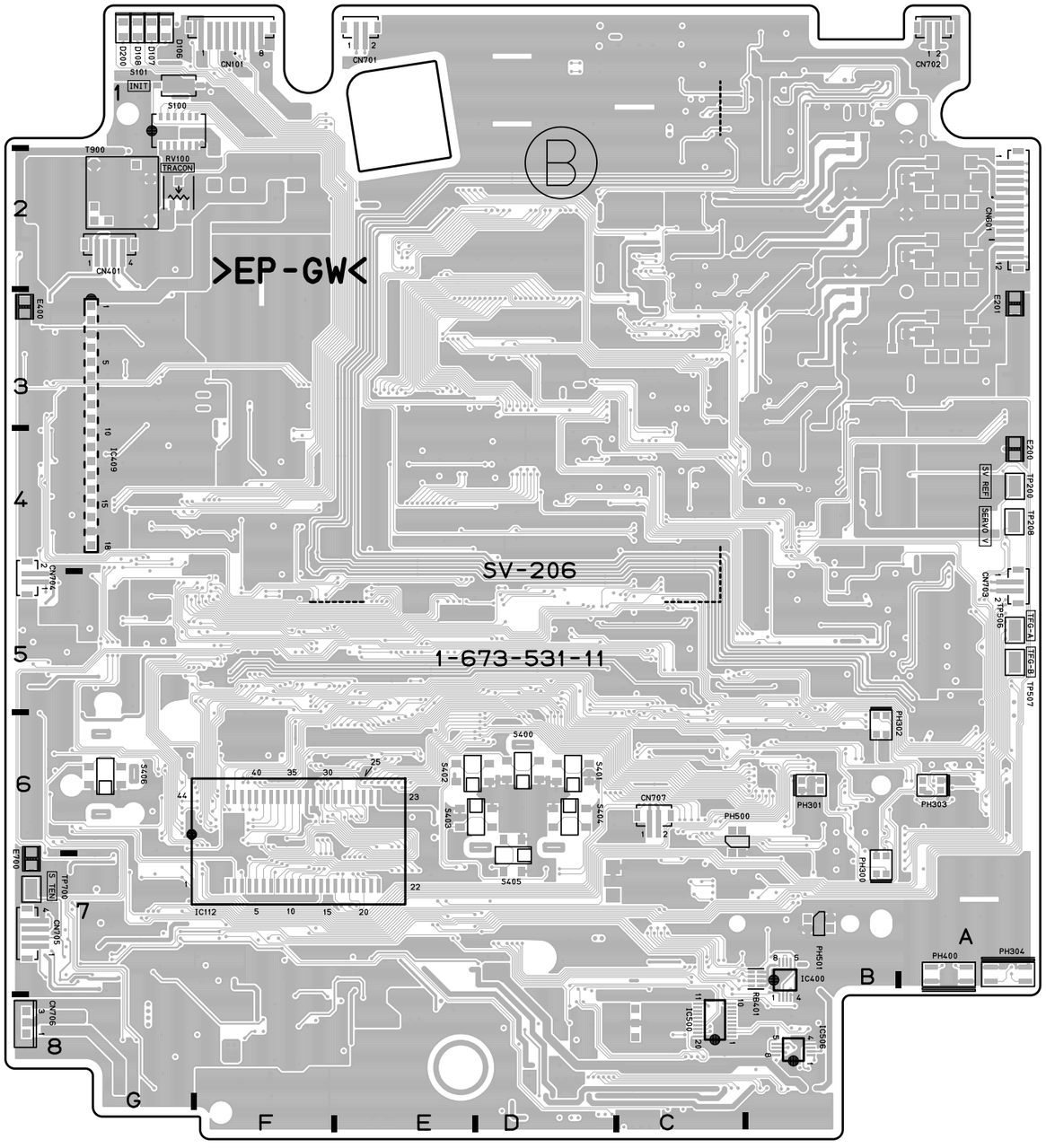
C1	F2	C500	A1	C723	F8	CN201	B1	IC203	A6	LV802	A2	Q826	A2	R227	G4
C2	F2	C501	B1	C724	E7	CN202	A6	IC204	A6			Q827	A3	R228	C5
C3	F2	C506	B1	C725	E8	CN301	D2	IC205	C5	PH300	*B7	Q900	G2	R229	B5
C4	F2	C507	B1	C726	E8	CN302	D2	IC206	C6	PH301	*B6	Q901	G2	R230	B5
C5	F2	C508	C1	C727	E8	CN303	D3	IC207	C5	PH302	*B6	Q902	G2	R231	B5
C6	D3	C509	B2	C728	D8	CN304	B8	IC208	B6	PH303	*A6	Q903	G2	R232	B5
C7	F1	C510	B1	C729	C8	CN305	A5	IC210	C4	PH304	*A7	Q904	G2	R233	B5
C8	G1	C511	C1	C730	D8	CN401	*G2	IC300	E4	PH400	*A7	Q905	A5	R234	C6
C9	G2	C512	C1	C731	D8	CN601	*A2	IC302	D4	PH500	*C6	Q906	A5	R235	C5
C100	G5	C513	C1	C732	D8	CN701	*E1	IC303	E4	PH501	*B7	Q907	A5	R236	A6
C101	G6	C514	B1	C733	C8	CN702	*A1	IC304	E4					R237	A6
C102	G6	C515	B1	C734	C8	CN703	*A5	IC305	D5	Q1	G1	R1	F1	R238	C4
C103	G6	C516	C2	C735	C8	CN704	*G5	IC306	C6	Q2	F1	R2	F1	R239	A6
C104	G5	C517	C1	C736	B8	CN705	*G7	IC400	*B8	Q3	D3	R3	F1	R240	D4
C105	G5	C518	B1	C737	F7	CN706	*G8	IC402	C8	Q201	C4	R4	F1	R241	B4
C106	G5	C519	C1	C738	D8	CN707	*C6	IC403	C7	Q202	C4	R5	D3	R242	B4
C107	G6	C521	C7	C739	E8	CN901	F1	IC404	D8	Q203	C3	R10	D3	R243	D4
C108	G6	C522	C7	C800	D5			IC405	G5	Q204	C3	R11	D3	R244	C5
C109	F5	C523	B7	C801	D4	D1	D3	IC406	G3	Q300	B6	R14	D1	R245	C5
C110	G6	C524	B8	C802	C4	D100	F4	IC407	G5	Q301	B6	R15	D1	R246	D4
C111	F6	C525	B8	C803	C3	D101	F5	IC408	G4	Q302	B6	R100	G5	R247	C5
C112	F6	C526	B8	C804	C3	D102	F4	IC409	G3	Q303	B6	R101	G5	R248	G1
C113	F6	C527	B8	C805	C4	D103	G6	IC410	G3	Q304	B7	R102	F5	R249	C6
C114	E6	C528	B8	C806	C3	D105	G6	IC411	G4	Q400	B7	R103	F4	R250	A6
C115	E6	C529	C7	C807	B3	D106	*G1	IC500	*C8	Q401	G3	R104	G6	R251	C5
C116	G5	C600	F4	C808	B4	D107	*G1	IC501	B1	Q402	G3	R105	G6	R257	B6
C117	E6	C601	F4	C809	C2	D108	*G1	IC502	B1	Q403	G4	R106	F5	R260	A6
C118	E5	C602	F4	C810	C3	D200	*G1	IC503	C1	Q404	G3	R107	G6	R261	B6
C119	D5	C603	F4	C811	B4	D400	D7	IC505	C7	Q405	F3	R108	F5	R262	B6
C120	F5	C604	F4	C812	B4	D401	G3	IC506	*B8	Q500	B7	R109	G6	R263	B6
C121	F5	C605	F4	C813	C3	D402	G4	IC600	F4	Q501	B7	R110	G6	R264	B6
C122	E5	C606	F4	C814	C3	D403	G4	IC601	F3	Q600	F3	R111	G5	R300	D4
C123	G5	C607	E2	C815	B4	D404	G3	IC602	C1	Q601	F4	R112	F4	R301	D4
C124	G5	C608	F3	C816	B3	D500	C1	IC603	B4	Q602	F3	R113	F4	R304	D4
C125	G4	C609	F3	C817	C2	D501	C1	IC604	B4	Q603	F3	R114	F4	R305	D4
C126	F5	C610	C1	C818	C2	D502	C2	IC605	G7	Q604	C1	R115	F4	R306	D4
C127	E5	C611	D1	C819	C2	D503	C1	IC606	G8	Q605	C1	R116	F6	R307	D5
C200	A6	C612	F3	C820	B3	D600	C1	IC700	F8	Q606	C1	R117	F7	R308	D5
C201	A6	C613	E2	C821	B3	D601	F3	IC701	F8	Q607	F2	R118	F7	R309	B6
C202	B5	C614	C1	C822	B4	D602	A4	IC702	F7	Q608	F2	R119	F6	R310	B6
C203	A5	C615	A1	C823	B2	D603	B2	IC703	G7	Q609	G7	R120	F7	R311	B6
C204	A6	C616	F1	C824	B3	D605	G8	IC706	F7	Q610	B4	R121	G1	R312	B6
C205	D3	C617	B4	C825	B3	D606	G8	IC707	F7	Q611	B4	R122	F6	R313	B7
C206	C6	C618	B4	C826	B3	D607	G7	IC709	F8	Q612	A4	R123	G6	R314	D5
C207	C5	C619	B4	C827	B3	D608	B4	IC710	E7	Q613	B3	R124	E5	R315	A6
C208	C5	C620	B4	C828	B2	D609	G6	IC711	D8	Q614	B1	R125	F6	R316	B6
C209	B5	C621	B3	C829	B2	D610	G7	IC712	D8	Q615	A3	R126	E5	R317	A6
C210	C5	C622	B4	C830	A2	D611	B4	IC713	G7	Q616	B1	R127	E5	R318	B6
C211	B6	C623	A4	C831	A3	D612	B4	IC714	G7	Q617	G7	R128	E5	R319	A7
C212	A7	C624	A3	C832	C4	D613	G8	IC801	C4	Q618	G7	R129	F6	R320	B7
C213	A7	C625	A4	C833	C2	D700	F7	IC802	C3	Q619	G8	R130	G7	R321	A7
C214	C4	C626	A3	C834	C3	D702	E8	IC803	D4	Q621	G8	R131	F5	R322	B7
C215	C5	C627	A4	C835	C3	D801	B4	IC804	C3	Q622	B4	R132	G5	R323	B7
C216	A7	C628	A3	C836	C3	D802	B4	IC805	C2	Q700	G7	R134	F4	R324	A6
C217	D4	C629	A3	C838	C3	D803	C2	IC806	C4	Q701	G7	R135	F4	R325	B6
C218	D4	C630	G7	C839	B4	D804	C3	IC807	C3	Q702	G7	R136	F4	R326	A6
C219	A6	C631	G8	C840	C4	D805	B3	IC808	C3	Q703	F7	R137	G1	R327	B6
C220	C6	C632	G7	C900	G2	D900	G2	IC809	B4	Q704	F7	R138	G1	R328	B7
C221	A6	C633	F1	C901	G2	D901	G2	IC810	D4	Q705	E8	R139	D5	R329	D5
C222	C5	C634	F1	C902	G2			IC900	B5	Q706	F8	R140	F4	R330	D5
C300	D4	C635	G7	C903	G2	E100	G5	IC901	A5	Q707	F8	R141	G4	R331	D5
C302	D4	C636	G7	C904	G2	E101	E7	IC902	B5	Q708	F8	R142	G4	R400	B7
C303	E4	C637	G7	C905	B5	E102	A6	IC903	A5	Q709	D7	R143	E5	R401	B7
C304	E4	C638	G7	C906	G2	E103	E6	IC904	B5	Q710	D8	R144	F4	R402	B7
C307	E4	C639	B3	C907	G2	E200	*A4	IC905	B5	Q711	G7	R145	G6	R403	B7
C308	D5	C640	B4	C908	A5	E201	*A3	IC8000	C4	Q712	F7	R200	B5	R404	B7
C400	B7	C641	G8	C909	G2	E400	*G3			Q800	B4	R201	A6	R405	B7
C401	C8	C642	F1	C910	G2	E500	A3	L1	G2	Q801	B4	R202	A6	R406	B7
C402	D7	C643	F3	C911	B5	E700	*G7	L2	F2	Q802	B3	R203	B5	R407	B7
C403	D7	C644	A4	C912	B5	E800	A2	L3	F2	Q803	B4	R204	B5	R408	C8
C404	G3	C645	F8	C913	A5	E900	G2	L4	F2	Q804	C3	R205	A5	R409	B7
C405	G5	C700	G7	C914	B5	E901	B5	L5	F2	Q805	B3	R206	A5	R410	B7
C406	A5	C701	G7	C915	A5			L400	G3	Q806	B4	R207	A5	R411	B7
C407	C6	C702	G7	C916	B5	IC1	F1	L401	G3	Q807	B3	R208	A5	R412	C7
C408	G3	C703	G7	C917	B5	IC100	G5	L500	A1	Q808	B4	R209	C6	R413	D7
C409	G3	C704	G7	C918	B5	IC101	F5	L501	B7	Q809	C2	R210	A5	R414	D8
C410	G3	C705	F8	C919	B5	IC102	F6	L600	F3	Q810	B2	R211	A5	R415	D7
C411	G5	C706	G7	C920	B5	IC103	F5	L601	F2	Q811	B3	R212	C6	R416	G3
C412	G5	C707	F7	C921	A5	IC104	F5	L602	C1	Q812	B4	R213	D3	R417	G3
C413	G5	C710	G7	C922	B5	IC105	E5	L603	C1	Q813	B4	R214	C5	R418	G3
C414	G5	C711	G7			IC106	E6	L604	F1	Q814	C2	R215	C5	R419	G5
C415	G4	C712	F8	CL200	B4	IC107	E5	L605	A4	Q815	B3	R216	C5	R420	G3
C416	G4	C713	F8	CL201	B4	IC108	F5	L606	A4	Q816	B4	R217	C5	R423	G4
C417	G3	C714	G8	CL202	B5	IC109	D5	L700	F8	Q817	C2	R218	C5	R424	G5
C418	G4	C715	E7	CL203	C4	IC110	E7	L701	E8	Q818	B2	R219	A6	R425	G3
C419	G4	C716	E7	CL204	C4	IC111	E5	L801	B2	Q819	C2	R220	B6	R426	G5
C420	F3	C717	E8	CL205	C5	IC112	*F7	L802	B3	Q820	B3	R221	D3	R427	G3
C421	F4	C718	E7	CL206	C5	IC113	F5	L803	B2	Q821	B3	R222	A6	R428	G5
C422	G3	C719	E7	CL207	D5	IC114	G4	L900	G2	Q822	C2	R223	A6	R429	G3
C423	G4	C720	F7			IC200	A6			Q823	C2	R224	C6	R430	G3
C424	G5	C721	F7	CN101	*F1	IC201	D4	LV800	A2	Q824	A2	R225	C6	R431	G3
C425	G4	C722	E7	CN102	A5	IC202	C6	LV801	A3	Q825	A3	R226	C6	R432	G4

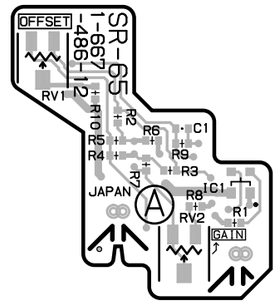


SV-206 -A SIDE-
SUFFIX: -11

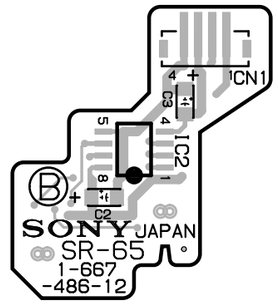
http://getMANUAL.com



SV-206 -B SIDE-
SUFFIX: -11



SR-65 -A SIDE-
SUFFIX: -12

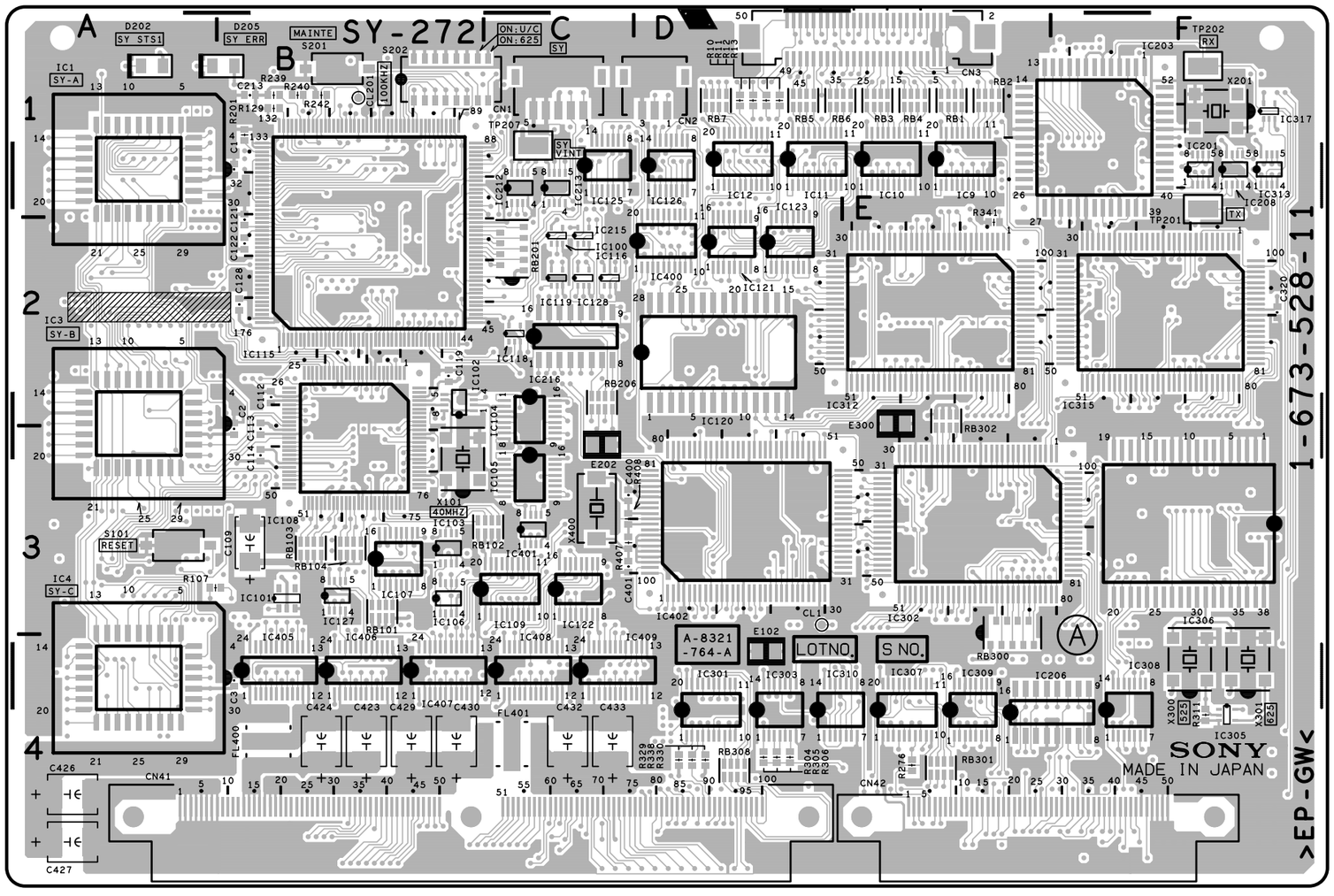


SR-65 -B SIDE-
SUFFIX: -12

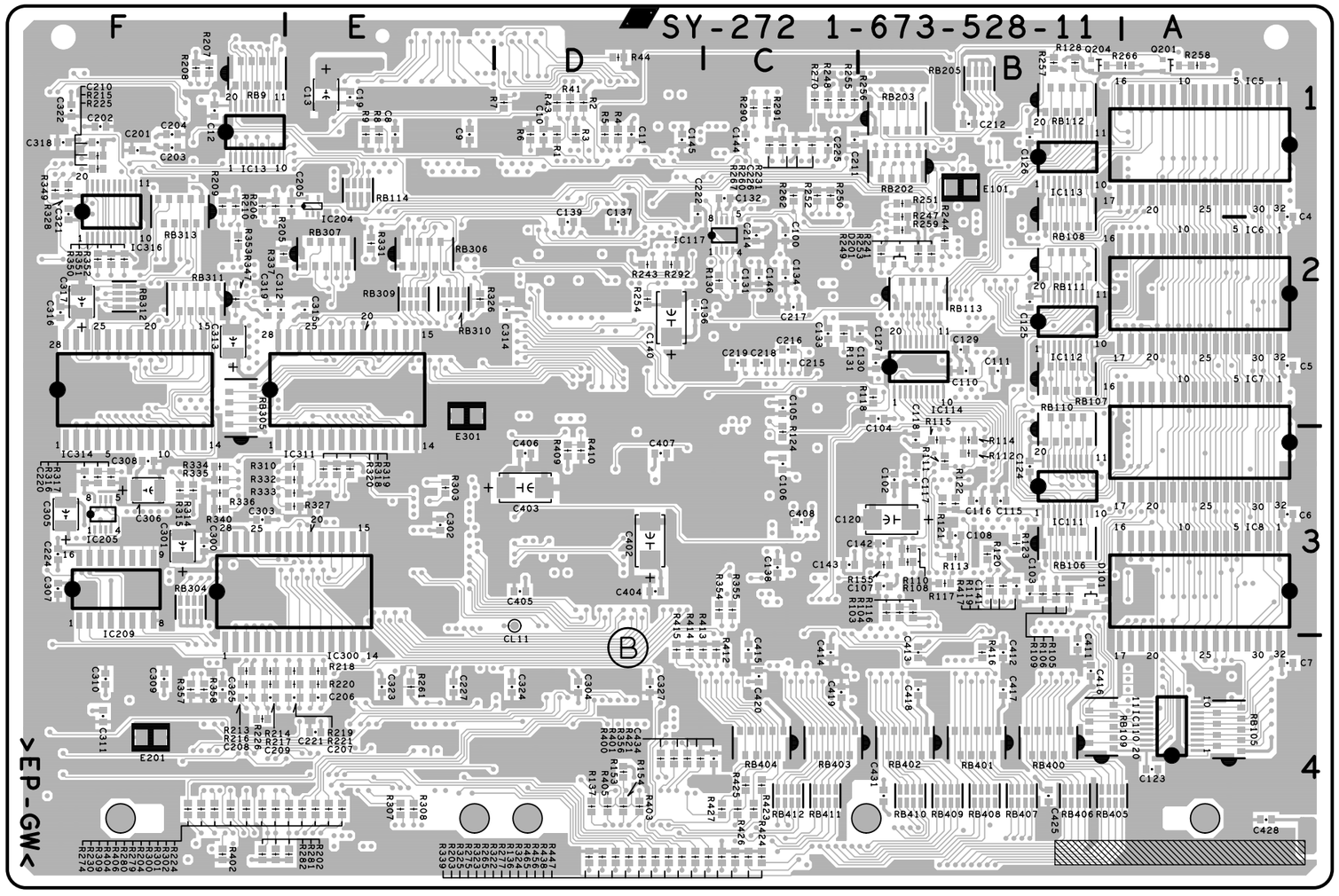
R433	G4	R548	C7	R640	B4	R710	F8	R766	D7	R848	A2	RV100	*G2	TP502	C2
R434	G4	R549	C7	R641	B4	R711	F7	R768	B8	R849	A3	RV800	C4	TP503	C2
R435	G4	R550	C7	R642	B4	R712	F7	R769	C8	R850	A2			TP504	C2
R436	G4	R551	C7	R643	B4	R713	F8	R770	F8	R851	A3	S100	*G1	TP505	C2
R437	G4	R552	C7	R644	B4	R714	F8	R771	F7	R900	G2	S101	*G1	TP506	*A5
R438	G4	R553	B8	R645	B4	R715	F8	R772	F7	R901	B4	S400	*D6	TP507	*A5
R439	G4	R554	B8	R646	B4	R716	F8	R773	F8	R902	G2	S401	*D6	TP508	B8
R440	F4	R555	B8	R647	B4	R717	G7	R774	F8	R903	G2	S402	*E6	TP509	B8
R441	G3	R556	B8	R648	B4	R718	G7	R775	F7	R904	B5	S403	*D6	TP700	*G7
R442	G5	R557	B8	R650	B4	R719	G7	R776	F7	R905	G2	S404	*D6	TP701	F7
R500	B1	R558	B8	R652	A4	R720	G7	R777	F8	R906	G2	S405	*D7	TP800	C3
R501	B1	R559	B8	R653	B3	R721	G7	R800	D4	R907	B5	S406	*G6	TP801	C3
R502	B1	R560	B8	R654	A4	R722	G7	R801	D4	R908	B5			TP802	A2
R503	B1	R561	B8	R655	B3	R723	E8	R802	C3	R909	G2	T800	B2	TP803	A2
R504	B1	R562	B8	R656	B3	R724	F8	R803	C3	R910	G2	T801	B3	TP804	A3
R505	B1	R563	B8	R657	B3	R725	F7	R805	C2	R911	A5	T802	B2	TP900	G3
R506	B1	R564	B8	R658	A3	R726	F7	R806	C3	R912	A5	T900	*G2	TP901	A5
R507	B1	R565	C7	R659	A3	R727	E8	R807	C2	R913	B5			TP902	A3
R508	B1	R566	C7	R660	A3	R728	E8	R808	C3	R914	A5	TP100	F4		
R509	B2	R600	F4	R661	A3	R729	F8	R809	C4	R915	G2	TP101	G6	X100	F6
R510	B1	R601	F4	R662	A3	R730	F7	R812	C3	R916	A5	TP102	G6	X400	C8
R511	B1	R602	F4	R663	B1	R731	F7	R813	B3	R917	A5	TP103	F4	X800	D4
R512	C1	R603	F4	R664	B4	R732	F8	R814	B4	R918	B5	TP104	F4		
R513	B1	R604	F4	R665	B4	R733	F8	R815	C3	R919	B5	TP200	*A4	*:B SIDE	
R514	C1	R605	F4	R666	B4	R734	F8	R816	C3	R920	B5	TP201	C6		
R515	B1	R606	F4	R667	B1	R735	F8	R817	B4	R921	A5	TP202	A4		
R516	C1	R607	F4	R668	G7	R736	F7	R818	C3	R922	B5	TP203	A4		
R517	C1	R608	F3	R669	G7	R737	E7	R819	C3	R923	A5	TP204	A4		
R518	B1	R609	F3	R671	G7	R738	E7	R820	B3	R924	A5	TP205	A4		
R519	B2	R610	F3	R672	G7	R739	E7	R821	B4	R925	B5	TP206	G5		
R520	C2	R611	F3	R673	G7	R740	E7	R822	B4	R926	B5	TP207	A4		
R521	C1	R612	F3	R676	G6	R741	E7	R823	C2	R927	A5	TP208	*A4		
R522	B2	R613	F4	R677	G6	R742	F7	R824	C2	R928	B5	TP209	A7		
R523	B2	R614	B4	R678	F4	R743	F7	R825	B3	R929	A5	TP210	A7		
R524	B2	R615	C1	R679	F7	R744	E7	R826	B4	R930	B4	TP211	A7		
R525	B2	R616	C1	R680	G7	R745	E7	R827	C2	R931	B4	TP212	D4		
R526	B1	R617	B3	R686	G7	R746	F8	R828	C3	R932	B5	TP213	D4		
R527	C2	R618	F3	R687	G7	R747	E7	R829	B3	R933	B5	TP214	G3		
R528	B1	R620	F3	R688	B4	R748	F8	R830	B4			TP215	B4		
R529	B2	R621	F4	R689	G6	R749	E7	R831	B4	RB100	G5	TP216	A4		
R530	B1	R622	D1	R690	B4	R750	E8	R832	B4	RB101	F4	TP217	B6		
R531	B1	R623	D1	R691	G6	R751	E8	R833	C3	RB200	C5	TP300	B6		
R532	B1	R624	F4	R692	F8	R752	E8	R834	C3	RB202	A5	TP301	B6		
R533	C1	R625	D1	R693	G8	R753	E7	R835	C3	RB203	C3	TP302	B7		
R534	B1	R626	D1	R694	G8	R754	D7	R836	C3	RB205	C4	TP303	B7		
R535	C1	R627	F4	R695	G8	R755	E7	R837	C2	RB300	D4	TP304	B7		
R536	C1	R628	F4	R700	G7	R756	D7	R838	C2	RB301	D4	TP400	E7		
R537	C2	R629	F3	R701	G7	R757	D8	R839	C2	RB302	E4	TP401	D7		
R538	C1	R632	F3	R702	G7	R758	D8	R840	B3	RB303	E4	TP402	E7		
R539	C2	R633	G2	R703	G7	R759	D8	R841	C2	RB304	E4	TP403	D7		
R540	C7	R634	G3	R704	G7	R760	D8	R842	B2	RB305	E4	TP404	D7		
R541	B7	R635	F2	R705	G7	R761	D8	R843	B3	RB306	D3	TP405	D7		
R543	B7	R636	F1	R706	G7	R762	D8	R844	C2	RB307	E3	TP406	C8		
R545	B7	R637	B4	R707	G7	R763	D8	R845	A2	RB308	E3	TP407	B7		
R546	B7	R638	B4	R708	G7	R764	D8	R846	A2	RB400	D7	TP500	C2		
R547	C7	R639	B4	R709	G7	R765	C8	R847	A3	RB401	*B7	TP501	C1		

SY-272(1-673-528-11)

C1	B1	C307	*F3	IC103	B3	R114	*B3	R311	F4	RB205	*B1
C2	B3	C308	*F3	IC104	C2	R115	*B3	R314	*F3	RB206	C2
C3	B4	C309	*F4	IC105	C3	R116	*B3	R315	*F3	RB300	E3
C4	*A1	C310	*F4	IC106	B3	R117	*B3	R316	*F3	RB301	E4
C5	*A2	C311	*F4	IC107	B3	R118	*B2	R317	*F3	RB302	E2
C6	*A3	C312	*F2	IC108	B3	R119	*B3	R318	*E3	RB304	*F3
C7	*A4	C313	*F2	IC109	C3	R120	*B3	R319	*E3	RB305	*F2
C8	*E1	C314	*D2	IC110	*A4	R121	*B3	R320	*E3	RB306	*E2
C9	*E1	C315	*E2	IC111	*B3	R122	*B3	R322	*D4	RB307	*E2
C10	*D1	C316	*F2	IC112	*B2	R123	*B3	R323	*D4	RB308	D4
C11	*D1	C317	*F2	IC113	*B1	R124	*C3	R324	*C4	RB309	*E2
C12	*F1	C318	*F1	IC114	*B2	R128	*B1	R325	*D4	RB310	*E2
C13	*E1	C319	*F2	IC115	B2	R129	B1	R326	*E2	RB311	*F2
C19	*E1	C320	F2	IC116	C2	R130	*C2	R327	*E3	RB312	*F2
C100	*C2	C321	*F1	IC117	*C2	R131	*C2	R328	*F1	RB313	*F1
C102	*B3	C322	*F1	IC118	C2	R136	*D4	R329	D4	RB400	*B4
C103	*B3	C323	*E4	IC119	C2	R137	*D4	R330	D4	RB401	*B4
C104	*B2	C324	*D4	IC120	D2	R153	*D4	R331	*E2	RB402	*B4
C105	*C2	C325	*F4	IC121	D2	R154	*D4	R332	*E3	RB403	*C4
C106	*C3	C327	*D4	IC122	C3	R155	*B3	R333	*E3	RB404	*C4
C107	*B3	C400	C3	IC123	D2	R201	B1	R334	*F3	RB405	*B4
C108	*B3	C401	C3	IC125	C1	R202	*E4	R335	*F3	RB406	*B4
C109	B3	C402	*D3	IC126	D1	R203	*D4	R336	*F3	RB407	*B4
C110	*B2	C403	*D3	IC127	B3	R204	*E4	R337	*F2	RB408	*B4
C111	*B2	C404	*D3	IC128	C2	R205	*F1	R338	D4	RB409	*B4
C112	B2	C405	*D3	IC201	F1	R206	*F1	R339	*D4	RB410	*B4
C113	B3	C406	*D3	IC203	F1	R207	*F1	R340	*F3	RB411	*C4
C114	B3	C407	*D3	IC204	*E1	R208	*F1	R341	E2	RB412	*C4
C115	*B3	C408	*C3	IC205	*F3	R209	*F1	R347	*F2		
C116	*B3	C411	*B4	IC206	E4	R210	*F1	R349	*F1	S101	A3
C117	*B3	C412	*B4	IC208	F1	R213	*F4	R350	*F2	S201	B1
C118	*B3	C413	*B4	IC209	*F3	R214	*F4	R351	*F2	S202	B1
C119	B2	C414	*C4	IC212	C1	R215	*F1	R352	*F2		
C120	*B3	C415	*C4	IC213	C1	R216	*F4	R353	*F2	TP201	F1
C121	B2	C416	*B4	IC215	C2	R217	*F4	R354	*C3	TP202	F1
C122	B2	C417	*B4	IC216	C2	R218	*E4	R355	*C3	TP207	C1
C123	*A4	C418	*B4	IC300	*F4	R219	*E4	R356	*D4		
C124	*B3	C419	*C4	IC301	D4	R220	*E4	R357	*F4	X101	B3
C125	*B2	C420	*C4	IC302	E3	R221	*E4	R358	*F4	X201	F1
C126	*B1	C423	B4	IC303	D4	R224	*E4	R400	*D4	X300	F4
C127	*B2	C424	B4	IC305	F4	R225	*F1	R401	*D4	X301	F4
C128	B2	C425	*B4	IC306	F3	R226	*F4	R402	*F4	X400	C3
C129	*B2	C426	A4	IC307	E4	R230	*F4	R403	*D4		
C130	*B2	C427	A4	IC308	F4	R231	*C1	R404	*F4	*:B SIDE	
C131	*C2	C428	*A4	IC309	E4	R239	B1	R405	*D4		
C132	*C1	C429	B4	IC310	D4	R240	B1	R406	*F4		
C133	*C2	C430	B4	IC311	*F3	R241	*B2	R407	C3		
C134	*C2	C431	*B4	IC312	E2	R242	B1	R408	C3		
C136	*D2	C432	C4	IC313	F1	R243	*D2	R409	*D3		
C137	*D2	C433	C4	IC314	*F3	R244	*B2	R410	*D3		
C138	*C3	C434	*C4	IC315	F2	R247	*B1	R412	*C4		
C139	*D2			IC316	*F2	R248	*C1	R413	*D4		
C140	*D2	CL1	D3	IC317	F1	R249	*B2	R414	*D4		
C141	*B3	CL11	*D3	IC400	D2	R250	*C1	R415	*D4		
C142	*B3	CL201	B1	IC401	C3	R251	*B1	R416	*B4		
C143	*C3			IC402	D3	R252	*C1	R417	*B3		
C144	*C1	CN1	C1	IC405	B4	R253	*B2	R421	*D4		
C145	*D1	CN2	D1	IC406	B4	R254	*D2	R423	*C4		
C146	*C2	CN3	E1	IC407	B4	R255	*C1	R424	*C4		
C201	*F1	CN41	B4	IC408	C4	R256	*C1	R425	*C4		
C202	*F1	CN42	E4	IC409	C4	R257	*B1	R426	*C4		
C203	*F1					R258	*A1	R427	*C4		
C204	*F1	D101	*B3	Q201	*A1	R259	*B2	R438	*C4		
C205	*E1	D201	*B2	Q204	*B1	R260	*C1	R447	*C4		
C206	*E4	D202	A1			R261	*E4	R456	*C4		
C207	*E4	D205	B1	R1	*D1	R262	*C1	R465	*C4		
C208	*F4			R2	*D1	R265	*D4				
C209	*F4	E101	*B1	R3	*D1	R266	*A1	RB1	E1		
C210	*F1	E102	D4	R4	*D1	R267	*C1	RB2	E1		
C211	*C1	E201	*F4	R5	*D1	R270	*C1	RB3	E1		
C212	*B1	E202	C3	R6	*D1	R274	*F4	RB4	E1		
C213	B1	E300	E2	R7	*D1	R275	*D4	RB5	D1		
C214	*C2	E301	*E2	R8	*E1	R276	E4	RB6	D1		
C215	*C2			R9	*E1	R277	*D4	RB7	D1		
C216	*C2	FL400	B4	R10	D1	R279	*F4	RB9	*F1		
C217	*C2	FL401	C4	R11	D1	R280	*F4	RB101	B3		
C218	*C2			R12	D1	R281	*F4	RB102	C3		
C219	*C2	IC1	A1	R13	D1	R282	*F4	RB103	B3		
C220	*F3	IC3	A2	R41	*D1	R290	*C1	RB104	B3		
C221	*E4	IC4	A4	R43	*D1	R291	*C1	RB105	*A4		
C222	*D1	IC5	*A1	R44	*D1	R292	*D2	RB106	*B3		
C224	*F3	IC6	*A2	R103	*B3	R300	*E4	RB107	*B2		
C225	*C1	IC7	*A2	R104	*B3	R301	*E4	RB108	*B1		
C226	*C1	IC8	*A3	R105	*B3	R302	*E4	RB109	*B4		
C227	*E4	IC9	E1	R106	*B3	R303	*E3	RB110	*B3		
C300	*F3	IC10	E1	R107	A3	R304	D4	RB111	*B2		
C301	*F3	IC11	D1	R108	*B3	R305	D4	RB112	*B1		
C302	*E3	IC12	D1	R109	*B3	R306	D4	RB113	*B2		
C303	*F3	IC13	*F1	R110	*B3	R307	*E4	RB114	*E1		
C304	*D4	IC100	C2	R111	*B3	R308	*E4	RB201	C2		
C305	*F3	IC101	B3	R112	*B3	R309	*F4	RB202	*B1		
C306	*F3	IC102	B2	R113	*B3	R310	*E3	RB203	*B1		



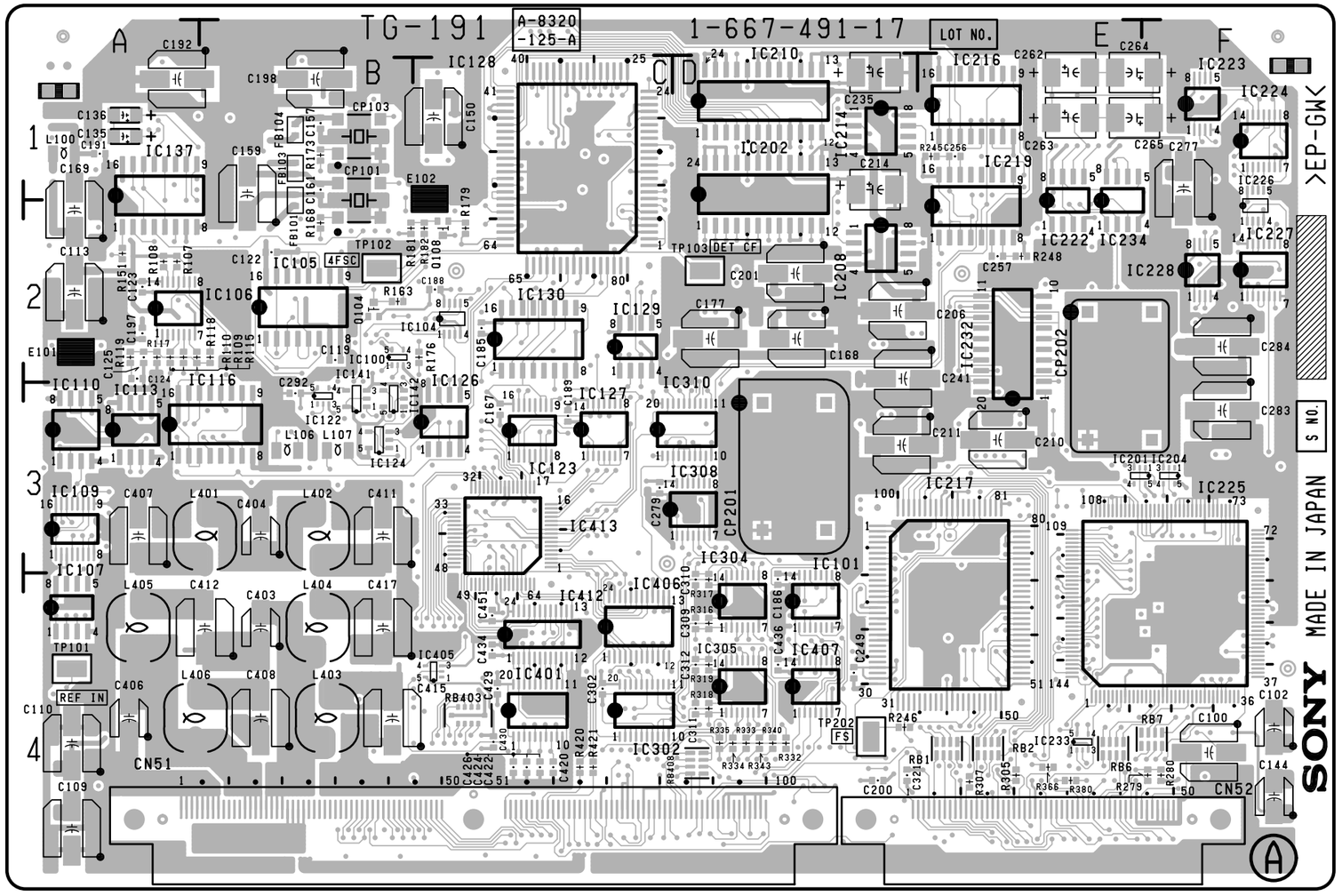
SY-272 -A SIDE-
SUFFIX: -11



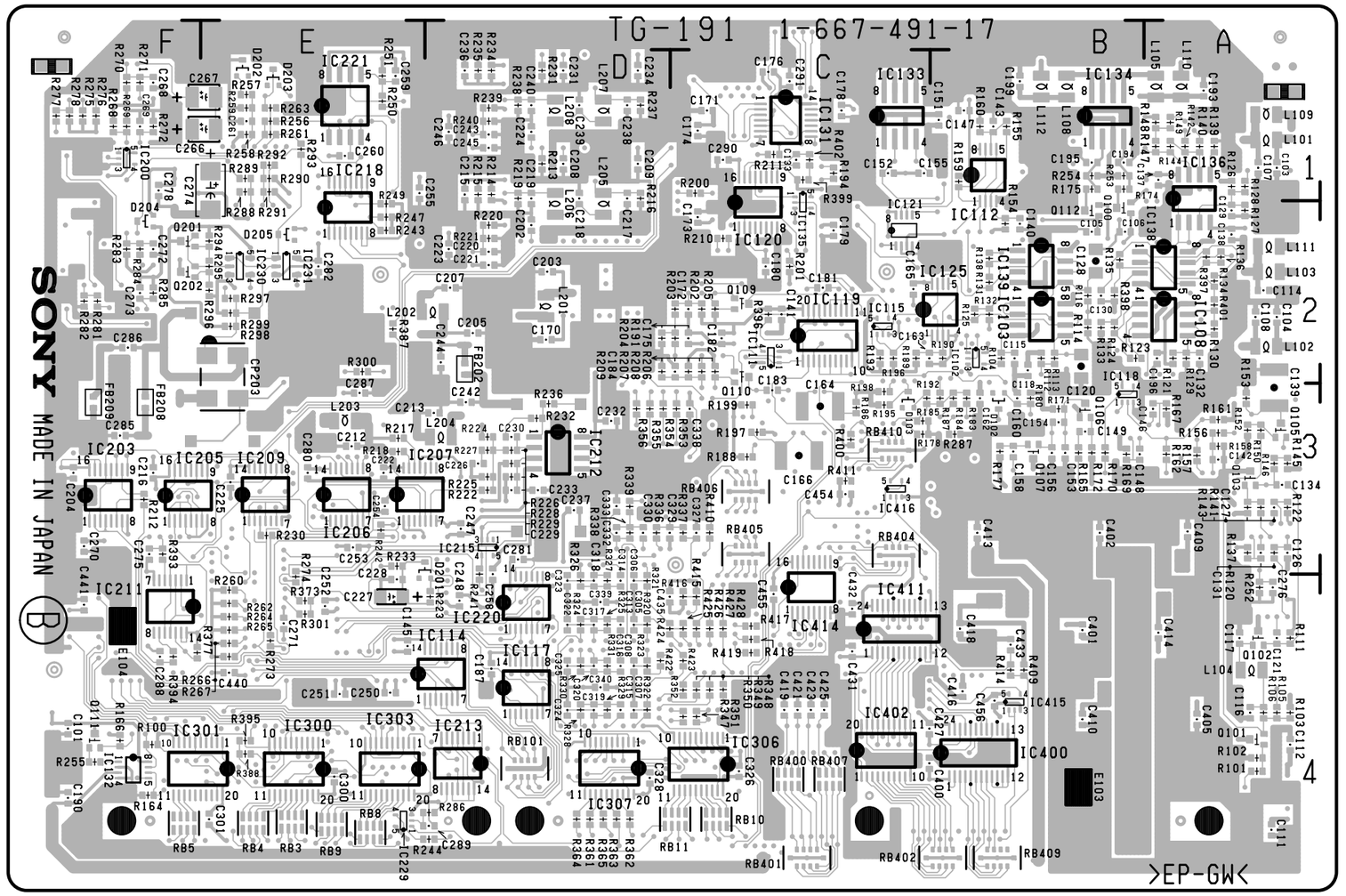
SY-272 -B SIDE-
SUFFIX: -11

TG-191(1-667-491-17)

C100	F4	C194	*B1	C286	*F2	CP202	E2
C101	*F4	C195	*B1	C287	*E3	CP203	*E2
C103	*A1	C196	*A2	C288	*F4		
C104	*A2	C197	A2	C289	*D4	D102	*B3
C105	*B2	C198	B1	C290	*C1	D103	*C3
C106	*B2	C199	*B1	C291	*C1	D201	*E3
C107	*A1	C200	D4	C292	B3	D202	*E1
C108	*A2	C201	D2	C300	*E4	D203	*E1
C109	A4	C202	*D2	C301	*E4	D204	*F2
C110	A4	C203	*D2	C302	C4	D205	*E2
C111	*A4	C204	*F3	C305	*D4		
C112	*A4	C205	*D2	C306	*D4	E101	A2
C113	A2	C206	D2	C307	*D4	E102	C1
C114	*A2	C207	*D2	C308	*D4	E103	*B4
C115	*B2	C208	*D1	C309	D4	E104	*F4
C116	*A4	C209	*D1	C310	D4		
C117	*A4	C210	E3	C311	D4	FB101	B2
C118	*B2	C211	D3	C312	D4	FB103	B1
C119	B2	C212	*E3	C313	*D4	FB104	B1
C120	*B2	C213	*D3	C314	*D4	FB202	*D2
C121	*A4	C214	D1	C315	*D4	FB208	*F3
C122	B2	C215	*D1	C316	*D4	FB209	*F3
C123	A2	C216	*F3	C317	*D4		
C124	A2	C217	*D1	C318	*D4	IC100	B2
C125	A2	C218	*D1	C319	*D4	IC101	D4
C126	*A3	C219	*D1	C320	*D4	IC102	*B2
C127	*A3	C220	*D2	C321	D4	IC103	*B2
C128	*B2	C221	*D2	C322	*D4	IC104	C2
C129	*A2	C222	*E3	C323	*D4	IC105	B2
C130	*B2	C223	*D2	C324	*D4	IC106	A2
C131	*A3	C224	*D1	C325	*D4	IC107	A4
C132	*A2	C225	*E3	C326	*C4	IC108	*B2
C133	*C1	C226	*D3	C327	*C3	IC109	A3
C134	*A3	C227	*E4	C328	*D4	IC110	A3
C135	A1	C228	*E4	C329	*D3	IC111	*C2
C136	A1	C229	*D3	C330	*D3	IC112	*B2
C137	*A1	C230	*D3	C332	*D3	IC113	A3
C138	*A2	C231	*D1	C333	*D3	IC114	*E4
C139	*A3	C232	*D3	C338	*C3	IC115	*C2
C140	*B2	C233	*D3	C339	*D4	IC116	A3
C141	*C2	C234	*D1	C340	*D4	IC117	*D4
C142	*A3	C235	D1	C400	*C4	IC118	*B3
C143	*B1	C236	*D1	C401	*B4	IC119	*C2
C145	*E4	C237	*D3	C402	*B3	IC120	*C2
C146	*A3	C238	*D1	C403	B4	IC121	*C2
C147	*B1	C239	*D1	C404	B3	IC122	B3
C148	*B3	C240	*D1	C405	*A4	IC123	C3
C149	*B3	C241	D2	C406	A4	IC124	B3
C150	C1	C242	*D3	C407	A3	IC125	*B2
C151	*B1	C243	*D1	C408	B4	IC126	C3
C152	*C1	C244	*D2	C409	*A3	IC127	C3
C153	*B3	C245	*D1	C410	*B4	IC128	C1
C154	*B3	C246	*D1	C411	B3	IC129	C2
C155	*C1	C247	*D3	C412	B4	IC130	C2
C156	*B3	C248	*D4	C413	*B3	IC131	*C1
C157	B1	C249	D4	C414	*A4	IC132	*F4
C158	*B3	C250	*E4	C415	B4	IC134	*B1
C159	B1	C251	*E4	C416	*B4	IC135	*C2
C160	*B3	C252	*E4	C417	B4	IC136	*A2
C161	B1	C253	*E3	C418	*B4	IC137	A2
C162	*B3	C254	*E3	C419	*C4	IC138	*B2
C163	*C2	C255	*E1	C420	C4	IC139	*B2
C164	*C3	C256	E1	C421	*C4	IC141	B3
C165	*C2	C257	E2	C422	C4	IC142	B3
C166	*C3	C258	*D3	C423	*C4	IC200	*F1
C167	C3	C259	*E1	C424	C4	IC201	E3
C168	D2	C260	*E1	C425	*C4	IC202	D2
C169	A2	C261	*E1	C426	C4	IC203	*F3
C170	*D2	C262	E1	C427	*C4	IC204	F3
C171	*C1	C263	E1	C429	C4	IC205	*F3
C172	*C2	C264	E1	C430	C4	IC206	*E3
C173	*C2	C265	E1	C431	*C4	IC207	*E3
C174	*C1	C266	*E1	C432	*C4	IC208	D2
C175	*C2	C267	*E1	C433	*B4	IC209	*E3
C176	*C1	C268	*F1	C434	C4	IC210	D1
C177	D2	C269	*F1	C435	*D4	IC211	*F4
C178	*C1	C270	*F3	C436	D4	IC212	*D3
C179	*C2	C271	*E4	C440	*E4	IC213	*D4
C180	*C2	C272	*F2	C441	*F4	IC214	D1
C181	*C2	C273	*F2	C451	C4	IC215	*D3
C182	*C2	C274	*E1	C454	*C3	IC216	E1
C183	*C3	C275	*F3	C455	*C4	IC217	E4
C184	*C2	C276	*A4	C456	*B4	IC218	*E2
C185	C2	C277	F1	C102	F4	IC219	E2
C186	D4	C278	*F1	C144	F4	IC220	*D4
C187	*D4	C279	C3			IC221	*E1
C188	C2	C280	*E3	CN51	C4	IC222	E2
C189	C3	C281	*D3	CN52	E4	IC223	F1
C190	*F4	C282	*E2			IC224	F1
C191	A1	C283	F3	CP101	B2	IC225	F4
C192	A1	C284	F2	CP103	B1	IC226	F2
C193	*A1	C285	*F3	CP201	D3	IC227	F2



TG-191 -A SIDE-
SUFFIX: -17

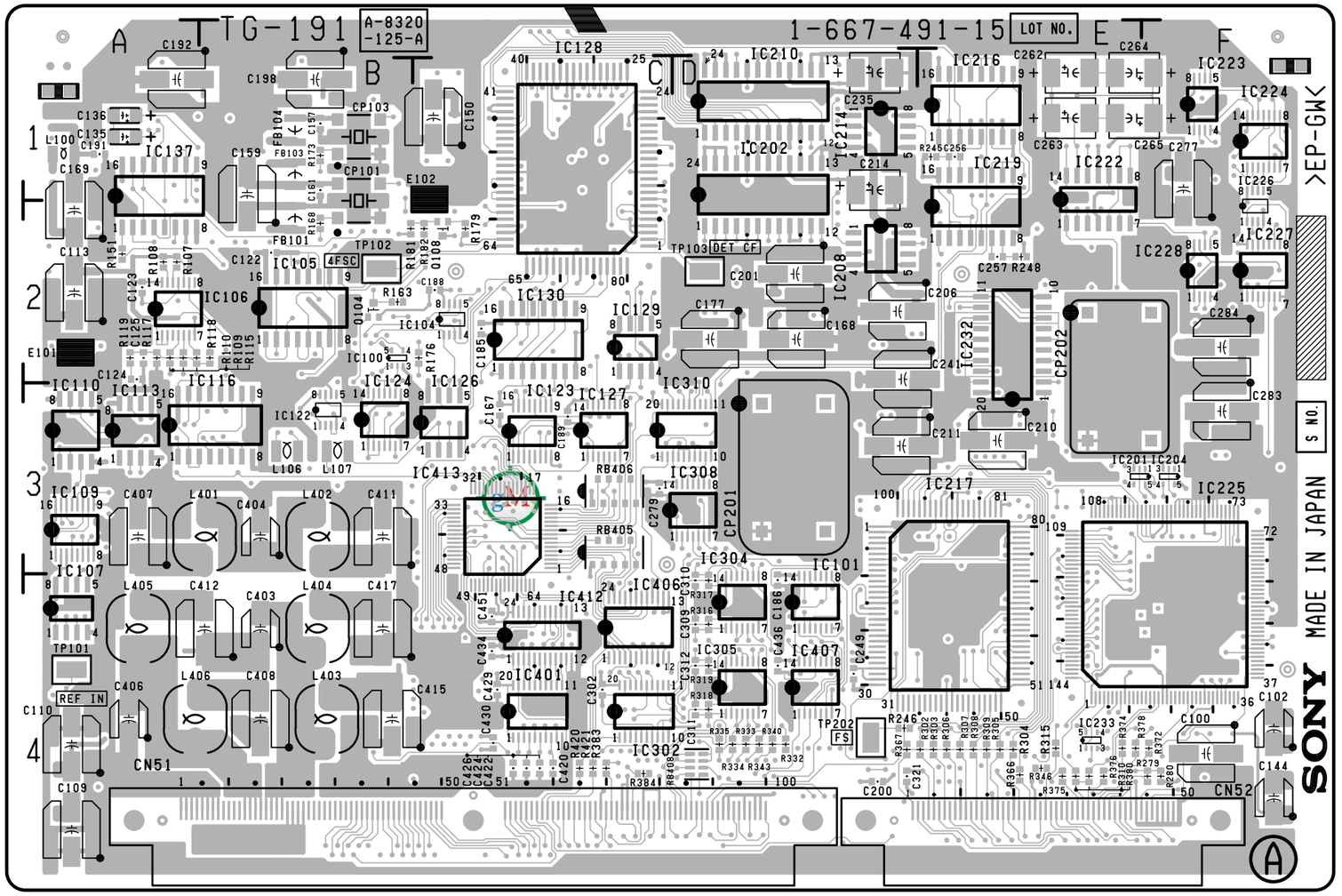


TG-191 -B SIDE-
SUFFIX: -17

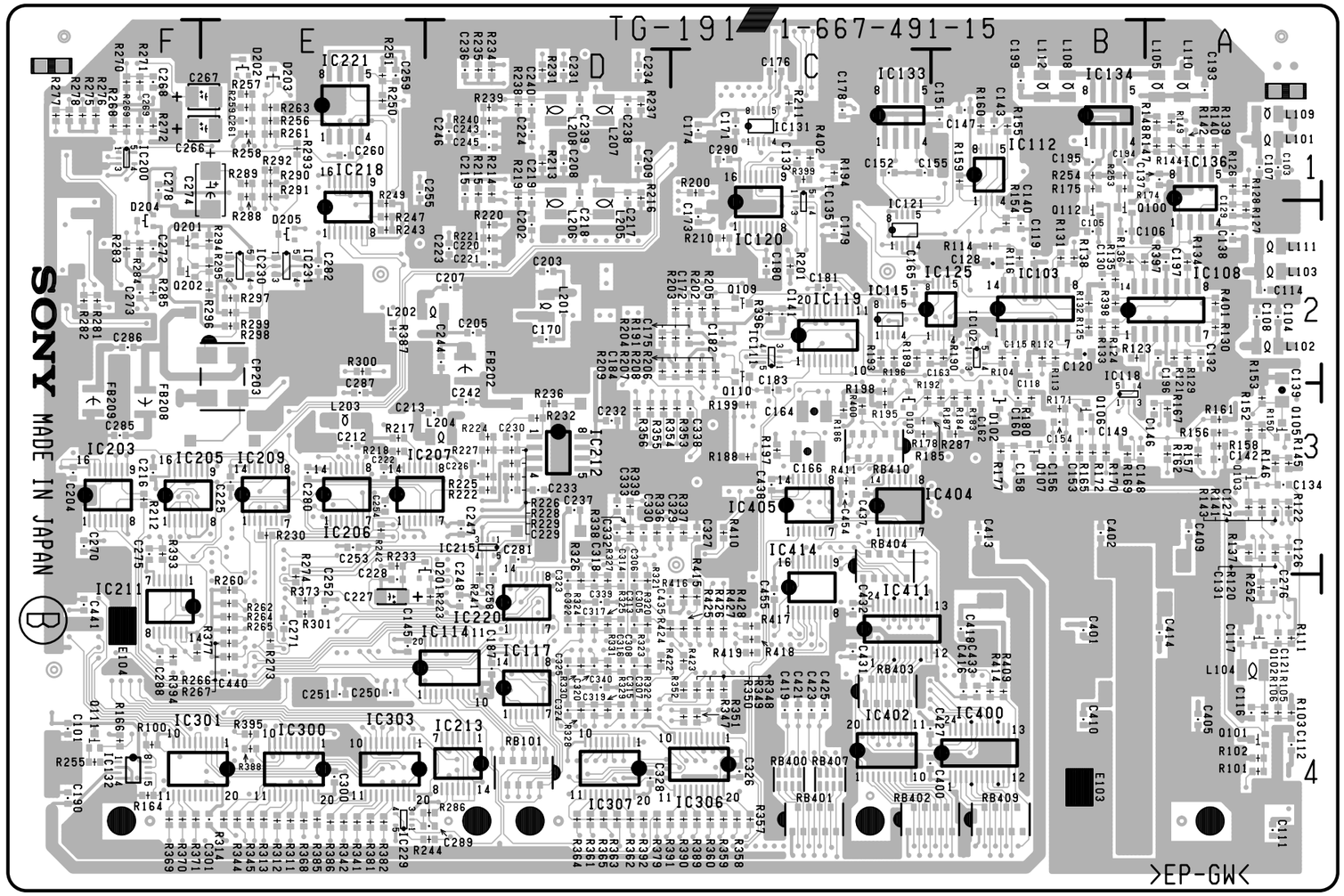
IC228	F2	R117	A2	R209	*D2	R301	*E4	RB401	*C4		
IC229	*E4	R118	B2	R210	*C2	R305	E4	RB402	*B4		
IC230	*E2	R119	A2	R211	*C1	R307	E4	RB403	C4		
IC231	*E2	R120	*A3	R212	*F3	R316	D4	RB404	*C3		
IC232	E3	R121	*A2	R213	*D1	R317	D4	RB405	*C3		
IC233	E4	R122	*A3	R214	*D1	R318	D4	RB406	*C3		
IC234	E2	R123	*B2	R215	*D1	R319	D4	RB407	*C4		
IC300	*E4	R124	*B2	R216	*D1	R320	*D4	RB408	D4		
IC301	*E4	R125	*B2	R217	*E3	R321	*D4	RB409	*B4		
IC302	C4	R126	*A1	R218	*E3	R322	*D4	RB410	*C3		
IC303	*E4	R127	*A2	R219	*D1	R323	*D4				
IC305	D4	R128	*A1	R220	*D2	R324	*D4	TP101	A4		
IC306	*C4	R129	*A2	R221	*D2	R325	*D4	TP102	B2		
IC307	*D4	R130	*A2	R222	*D3	R326	*D4	TP103	D2		
IC308	D3	R131	*B2	R223	*D4	R327	*D4	TP202	D4		
IC310	C3	R132	*B2	R224	*D3	R328	*D4				
IC400	*B4	R133	*B2	R225	*D3	R329	*D4	*:B SIDE			
IC401	C4	R134	*A2	R226	*D3	R330	*D4				
IC402	*C4	R135	*B2	R227	*D3	R331	*D4				
IC405	C4	R136	*A2	R228	*D3	R332	D4				
IC406	C4	R137	*A3	R229	*D3	R333	D4				
IC407	D4	R138	*B2	R230	*E3	R334	D4				
IC411	*C4	R139	*A1	R231	*D1	R335	D4				
IC412	C4	R140	*A1	R232	*D3	R336	*D3				
IC413	C3	R141	*A3	R233	*E3	R337	*C3				
IC414	*C4	R142	*A1	R234	*D1	R338	*D3				
IC415	*B4	R143	*A3	R235	*D1	R339	*D3				
IC416	*C3	R144	*A1	R236	*D3	R340	D4				
IC133	*C1	R145	*A3	R237	*D1	R343	D4				
IC304	D4	R146	*A3	R238	*D1	R347	*C4				
		R147	*A1	R239	*D1	R348	*C4				
L100	A1	R148	*A1	R240	*D1	R349	*C4				
L101	*A1	R149	*A1	R241	*D3	R350	*C4				
L102	*A2	R150	*A3	R242	*E3	R351	*C4				
L103	*A2	R151	A2	R243	*E2	R352	*C4				
L104	*A4	R152	*A3	R244	*D4	R353	*C3				
L105	*A1	R153	*A3	R245	E1	R354	*D3				
L106	B3	R154	*B2	R246	D4	R355	*D3				
L107	B3	R155	*B1	R247	*E2	R356	*D3				
L108	*B1	R156	*A3	R248	E2	R361	*D4				
L109	*A1	R157	*A3	R249	*E2	R362	*D4				
L110	*A1	R158	*A3	R250	*E1	R363	*D4				
L111	*A2	R159	*B1	R251	*E1	R364	*D4				
L112	*B1	R160	*B1	R252	*A4	R365	*D4				
L201	*D2	R161	*A3	R253	*B1	R366	E4				
L202	*D2	R162	*A3	R254	*B1	R373	*E4				
L203	*E3	R163	B2	R255	*F4	R377	*F4				
L204	*D3	R164	*F4	R256	*E1	R380	E4				
L205	*D2	R165	*B3	R257	*E1	R387	*E2				
L206	*D2	R166	*F4	R258	*E1	R388	*E4				
L207	*D1	R167	*A3	R259	*E1	R393	*F3				
L208	*D1	R168	B2	R260	*E4	R394	*F4				
L401	B3	R169	*B3	R261	*E1	R395	*E4				
L402	B3	R170	*B3	R262	*E4	R396	*C2				
L403	B4	R171	*B3	R263	*E1	R397	*A2				
L404	B4	R172	*B3	R264	*E4	R398	*B2				
L405	A4	R173	B1	R265	*E4	R399	*C1				
L406	A4	R174	*B1	R266	*E4	R400	*C3				
		R175	*B1	R267	*E4	R401	*A2				
Q100	*B2	R176	C2	R268	*F1	R402	*C1				
Q101	*A4	R177	*B3	R269	*F1	R409	*B4				
Q102	*A4	R178	*C3	R270	*F1	R410	*C3				
Q103	*A3	R179	C2	R271	*F1	R411	*C3				
Q104	B2	R180	*B3	R272	*F1	R414	*B4				
Q105	*A3	R181	B2	R273	*E4	R415	*C4				
Q106	*B3	R182	C2	R274	*E4	R416	*C4				
Q107	*B3	R183	*B3	R275	*F1	R417	*C4				
Q108	C2	R184	*B3	R276	*F1	R418	*C4				
Q109	*C2	R185	*C3	R277	*F1	R419	*C4				
Q110	*C2	R186	*C3	R278	*F1	R420	C4				
Q111	*F4	R187	*B3	R279	F4	R421	C4				
Q112	*B2	R188	*C3	R280	F4	R422	*D4				
Q201	*F2	R189	*C2	R281	*F2	R423	*C4				
Q202	*F2	R190	*B2	R282	*F2	R424	*D4				
		R191	*C2	R283	*F2	R425	*C4				
R100	*F4	R192	*C3	R284	*F2	R426	*C4				
R101	*A4	R193	*C2	R285	*F2	R427	*C4				
R102	*A4	R194	*C1	R286	*D4	R428	*C4				
R103	*A4	R195	*C3	R287	*B3						
R104	*B2	R196	*C2	R288	*E1	RB1	E4				
R105	*A4	R197	*C3	R289	*E1	RB2	E4				
R106	*A4	R198	*C3	R290	*E1	RB3	*E4				
R107	A2	R199	*C3	R291	*E1	RB4	*E4				
R108	A2	R200	*C1	R292	*E1	RB5	*F4				
R109	A2	R201	*C2	R293	*E1	RB6	E4				
R110	A2	R202	*C2	R294	*E2	RB7	F4				
R111	*A4	R203	*C2	R295	*E2	RB8	*E4				
R112	*B2	R204	*D2	R296	*E2	RB9	*E4				
R113	*B2	R205	*C2	R297	*E2	RB10	*C4				
R114	*B2	R206	*C2	R298	*E2	RB11	*C4				
R115	A2	R207	*C2	R299	*E2	RB101	*D4				
R116	*B2	R208	*C2	R300	*E2	RB400	*C4				

TG-191(1-667-491-15)

C100	F4	C192	A1	C284	F2	CP203	*E2
C101	*F4	C193	*A1	C285	*F3		
C102	F4	C194	*B1	C286	*F2	D102	*B3
C103	*A1	C195	*B1	C287	*E3	D103	*C3
C104	*A2	C196	*A2	C288	*F4	D201	*E3
C105	*B2	C197	*A2	C289	*D4	D202	*E1
C106	*B2	C198	B1	C290	*C1	D203	*E1
C107	*A1	C199	*B1	C300	*E4	D204	*F2
C108	*A2	C200	D4	C301	*E4	D205	*E2
C109	A4	C201	D2	C302	C4		
C110	A4	C202	*D2	C305	*D4	E101	A2
C111	*A4	C203	*D2	C306	*D4	E102	C1
C112	*A4	C204	*F3	C307	*D4	E103	*B4
C113	A2	C205	*D2	C308	*D4	E104	*F4
C114	*A2	C206	D2	C309	D4		
C115	*B2	C207	*D2	C310	D4	FB101	B2
C116	*A4	C208	*D1	C311	D4	FB103	B1
C117	*A4	C209	*D1	C312	D4	FB104	B1
C118	*B2	C210	E3	C313	*D4	FB202	*D2
C119	*B2	C211	D3	C314	*D4	FB208	*F3
C120	*B2	C212	*E3	C315	*D4	FB209	*F3
C121	*A4	C213	*D3	C316	*D4		
C122	B2	C214	D1	C317	*D4	IC100	B2
C123	A2	C215	*D1	C318	*D4	IC101	D4
C124	A2	C216	*F3	C319	*D4	IC102	*B2
C125	A2	C217	*D1	C320	*D4	IC103	*B2
C126	*A3	C218	*D1	C321	D4	IC104	C2
C127	*A3	C219	*D1	C322	*D4	IC105	B2
C128	*B2	C220	*D2	C323	*D4	IC106	A2
C129	*A2	C221	*D2	C324	*D4	IC107	A4
C130	*B2	C222	*E3	C325	*D4	IC108	*B2
C131	*A3	C223	*D2	C326	*C4	IC109	A3
C132	*A2	C224	*D1	C327	*C3	IC110	A3
C133	*C1	C225	*E3	C328	*D4	IC111	*C2
C134	*A3	C226	*D3	C329	*D3	IC112	*B2
C135	A1	C227	*E4	C330	*D3	IC113	A3
C136	A1	C228	*E4	C332	*D3	IC114	*E4
C137	*A1	C229	*D3	C333	*D3	IC115	*C2
C138	*A2	C230	*D3	C338	*C3	IC116	A3
C139	*A3	C231	*D1	C339	*D4	IC117	*D4
C140	*B2	C232	*D3	C340	*D4	IC118	*B3
C141	*C2	C233	*D3	C400	*C4	IC119	*C2
C142	*A3	C234	*D1	C401	*B4	IC120	*C2
C143	*B1	C235	D1	C402	*B3	IC121	*C2
C144	F4	C236	*D1	C403	B4	IC122	B3
C145	*E4	C237	*D3	C404	B3	IC123	C3
C146	*A3	C238	*D1	C405	*A4	IC124	B3
C147	*B1	C239	*D1	C406	A4	IC125	*B2
C148	*B3	C240	*D1	C407	A3	IC126	C3
C149	*B3	C241	D2	C408	B4	IC127	C3
C150	C1	C242	*D3	C409	*A3	IC128	C1
C151	*B1	C243	*D1	C410	*B4	IC129	C2
C152	*C1	C244	*D2	C411	B3	IC130	C2
C153	*B3	C245	*D1	C412	B4	IC131	*C1
C154	*B3	C246	*D1	C413	*B3	IC132	*F4
C155	*C1	C247	*D3	C414	*A4	IC133	*C1
C156	*B3	C248	*D4	C415	B4	IC134	*B1
C157	B1	C249	D4	C416	*B4	IC135	*C2
C158	*B3	C250	*E4	C417	B4	IC136	*A2
C159	B1	C251	*E4	C418	*B4	IC137	A2
C160	*B3	C252	*E4	C419	*C4	IC200	*F1
C161	B1	C253	*E3	C420	C4	IC201	E3
C162	*B3	C254	*E3	C421	*C4	IC202	D2
C163	*C2	C255	*E1	C422	C4	IC203	*F3
C164	*C3	C256	E1	C423	*C4	IC204	F3
C165	*C2	C257	E2	C424	C4	IC205	*F3
C166	*C3	C258	*D3	C425	*C4	IC206	*E3
C167	C3	C259	*E1	C426	C4	IC207	*E3
C168	D2	C260	*E1	C427	*C4	IC208	D2
C169	A2	C261	*E1	C429	C4	IC209	*E3
C170	*D2	C262	E1	C430	C4	IC210	D1
C171	*C1	C263	E1	C431	*C4	IC211	*F4
C172	*C2	C264	E1	C432	*C4	IC212	*D3
C173	*C2	C265	E1	C433	*B4	IC213	*D4
C174	*C1	C266	*E1	C434	C4	IC214	D1
C175	*C2	C267	*E1	C435	*D4	IC215	*D3
C176	*C1	C268	*F1	C436	D4	IC216	E1
C177	D2	C269	*F1	C437	*C3	IC217	E4
C178	*C1	C270	*F3	C438	*C3	IC218	*E2
C179	*C2	C271	*E4	C440	*E4	IC219	E2
C180	*C2	C272	*F2	C441	*F4	IC220	*D4
C181	*C2	C273	*F2	C451	C4	IC221	*E1
C182	*C2	C274	*E1	C454	*C3	IC222	E2
C183	*C3	C275	*F3	C455	*C4	IC223	F1
C184	*C2	C276	*A4			IC224	F1
C185	C2	C277	F1	CN51	C4	IC225	F4
C186	D4	C278	*F1	CN52	E4	IC226	F2
C187	*D4	C279	C3			IC227	F2
C188	C2	C280	*E3	CP101	B2	IC228	F2
C189	C3	C281	*D3	CP103	B1	IC229	*E4
C190	*F4	C282	*E2	CP201	D3	IC230	*E2
C191	A1	C283	F3	CP202	E2	IC231	*E2



TG-191 -A SIDE-
SUFFIX: -15

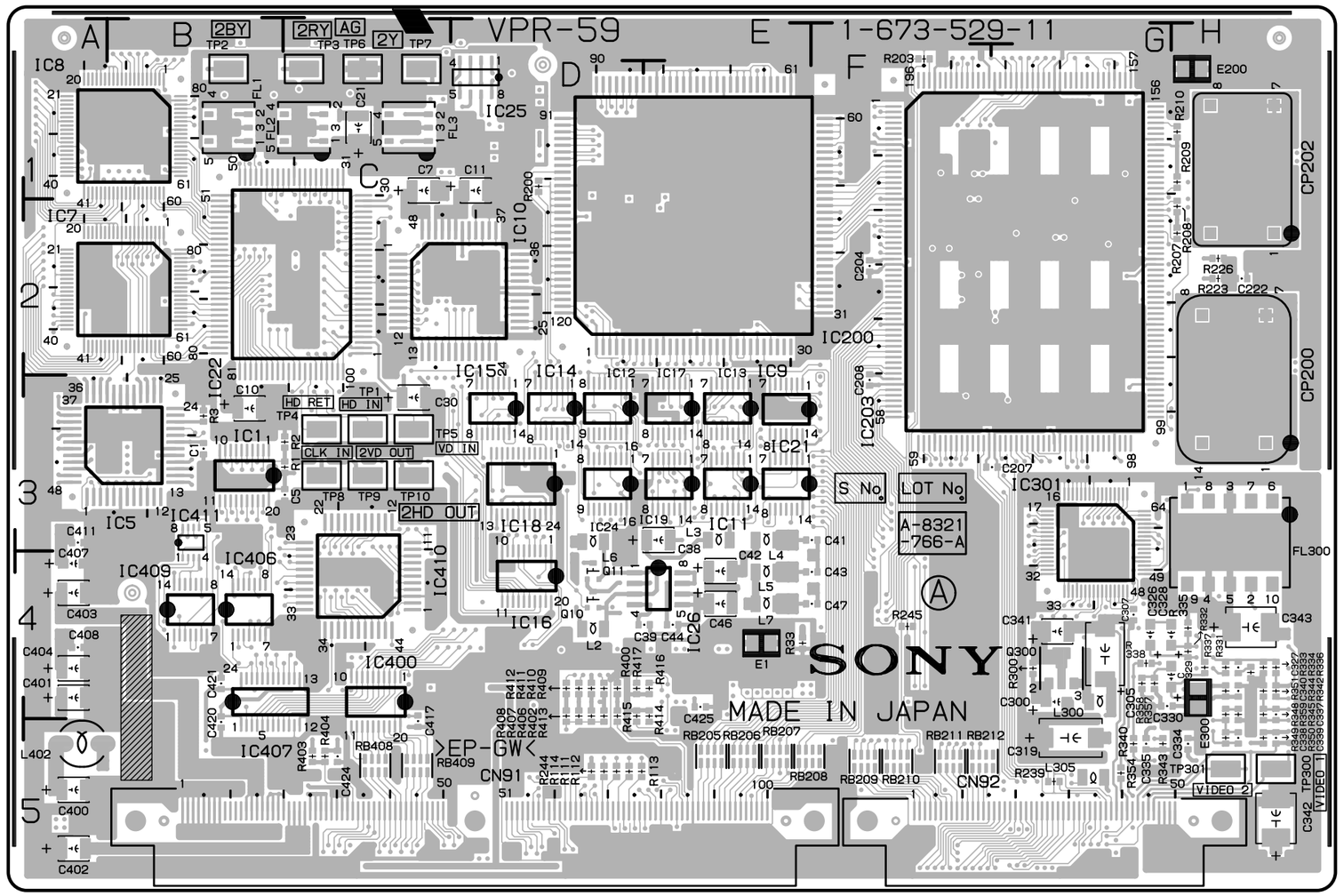


TG-191 -B SIDE-
SUFFIX: -15

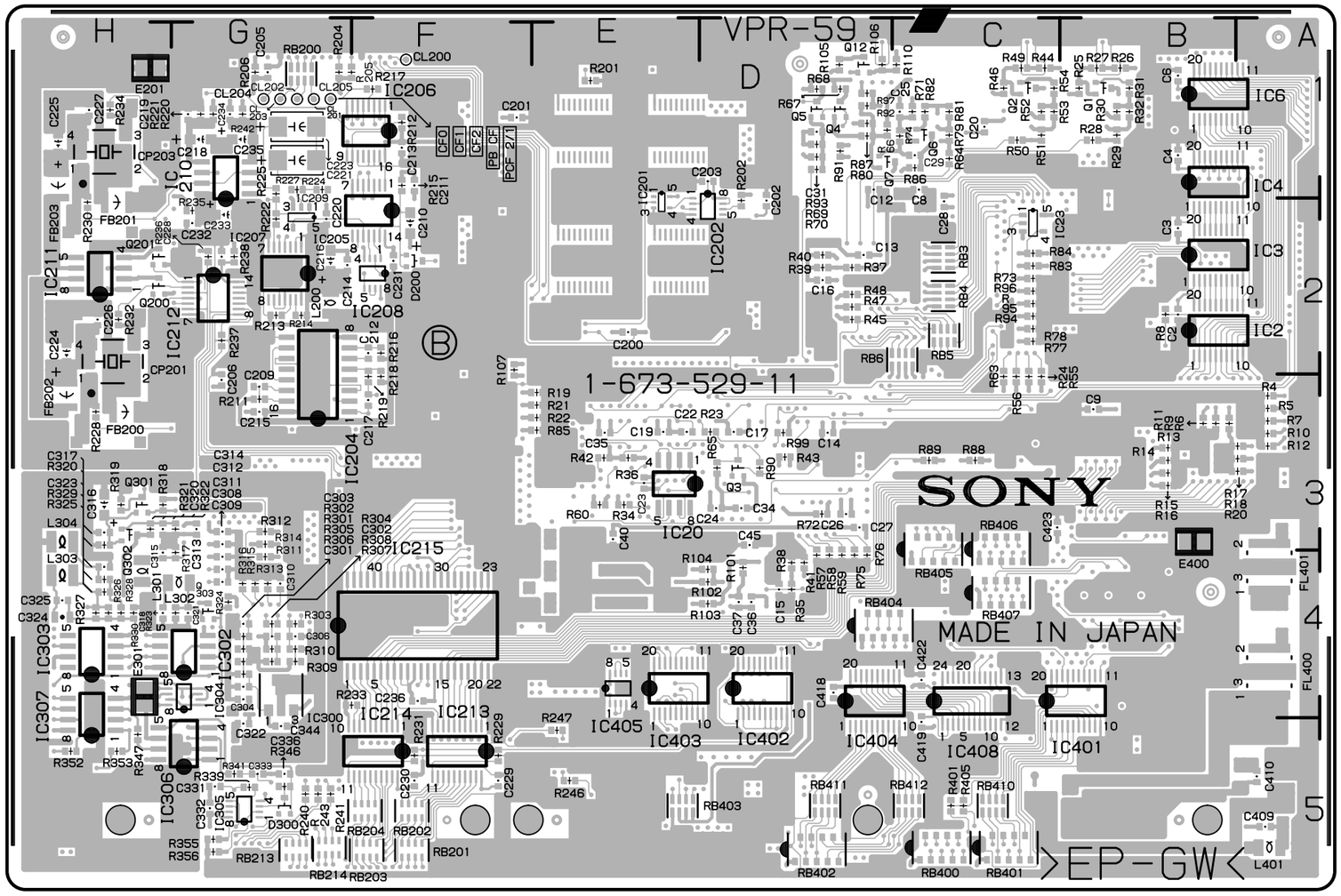
IC232	E3	R124	*B2	R216	*D1	R308	E4	R400	*C3		
IC233	E4	R125	*B2	R217	*E3	R309	E4	R401	*A2		
IC300	*E4	R126	*A1	R218	*E3	R310	E4	R402	*C1		
IC301	*E4	R127	*A2	R219	*D1	R311	*E4	R409	*B4		
IC302	C4	R128	*A1	R220	*D2	R312	*E4	R410	*C3		
IC303	*E4	R129	*A2	R221	*D2	R313	*E4	R411	*C3		
IC304	D4	R130	*A2	R222	*D3	R314	*E4	R414	*B4		
IC305	D4	R131	*B2	R223	*D4	R315	E4	R415	*C4		
IC306	*C4	R132	*B2	R224	*D3	R316	D4	R416	*C4		
IC307	*D4	R133	*B2	R225	*D3	R317	D4	R417	*C4		
IC308	D3	R134	*A2	R226	*D3	R318	D4	R418	*C4		
IC310	C3	R135	*B2	R227	*D3	R319	D4	R419	*C4		
IC400	*B4	R136	*B2	R228	*D3	R320	*D4	R420	C4		
IC401	C4	R137	*A3	R229	*D3	R321	*D4	R421	C4		
IC402	*C4	R138	*B2	R230	*E3	R322	*D4	R422	*D4		
IC404	*C3	R139	*A1	R231	*D1	R323	*D4	R423	*C4		
IC405	*C3	R140	*A1	R232	*D3	R324	*D4	R424	*D4		
IC406	C4	R141	*A3	R233	*E3	R325	*D4	R425	*C4		
IC407	D4	R142	*A1	R234	*D1	R326	*D4	R426	*C4		
IC411	*C4	R143	*A3	R235	*D1	R327	*D4	R427	*C4		
IC412	C4	R144	*A1	R236	*D3	R328	*D4	R428	*C4		
IC413	C3	R145	*A3	R237	*D1	R329	*D4				
IC414	*C4	R146	*A3	R238	*D1	R330	*D4	RB101	*D4		
		R147	*A1	R239	*D1	R331	*D4	RB400	*C4		
L100	A1	R148	*A1	R240	*D1	R332	D4	RB401	*C4		
L101	*A1	R149	*A1	R241	*D3	R333	D4	RB402	*C4		
L102	*A2	R150	*A3	R242	*E3	R334	D4	RB403	*C4		
L103	*A2	R151	A2	R243	*E2	R335	D4	RB404	*C3		
L104	*A4	R152	*A3	R244	*D4	R336	*D3	RB405	C3		
L105	*A1	R153	*A3	R245	E1	R337	*C3	RB406	C3		
L106	B3	R154	*B2	R246	D4	R338	*D3	RB407	*C4		
L107	B3	R155	*B1	R247	*E2	R339	*D3	RB408	D4		
L108	*B1	R156	*A3	R248	E2	R340	D4	RB409	*B4		
L109	*A1	R157	*A3	R249	*E2	R341	*E4	RB410	*C3		
L110	*A1	R158	*A3	R250	*E1	R342	*E4				
L111	*A2	R159	*B1	R251	*E1	R343	D4	TP101	A4		
L112	*B1	R160	*B1	R252	*A4	R344	*E4	TP102	B2		
L201	*D2	R161	*A3	R253	*B1	R345	*E4	TP103	D2		
L202	*D2	R162	*A3	R254	*B1	R346	E4	TP202	D4		
L203	*E3	R163	B2	R255	*F4	R347	*C4				
L204	*D3	R164	*F4	R256	*E1	R348	*C4	*:B SIDE			
L205	*D2	R165	*B3	R257	*E1	R349	*C4				
L206	*D2	R166	*F4	R258	*E1	R350	*C4				
L207	*D1	R167	*A3	R259	*E1	R351	*C4				
L208	*D1	R168	B2	R260	*E4	R352	*C4				
L401	B3	R169	*B3	R261	*E1	R353	*C3				
L402	B3	R170	*B3	R262	*E4	R354	*D3				
L403	B4	R171	*B3	R263	*E1	R355	*D3				
L404	B4	R172	*B3	R264	*E4	R356	*D3				
L405	A4	R173	B1	R265	*E4	R357	*C4				
L406	A4	R174	*B1	R266	*E4	R358	*C4				
		R175	*B1	R267	*E4	R359	*C4				
Q100	*B2	R176	C2	R268	*F1	R360	*C4				
Q101	*A4	R177	*B3	R269	*F1	R361	*D4				
Q102	*A4	R178	*C3	R270	*F1	R362	*D4				
Q103	*A3	R179	C2	R271	*F1	R363	*D4				
Q104	B2	R180	*B3	R272	*F1	R364	*D4				
Q105	*A3	R181	B2	R273	*E4	R365	*D4				
Q106	*B3	R182	C2	R274	*E4	R366	E4				
Q107	*B3	R183	*B3	R275	*F1	R367	D4				
Q108	C2	R184	*B3	R276	*F1	R368	*E4				
Q109	*C2	R185	*C3	R277	*F1	R369	*F4				
Q110	*C2	R186	*C3	R278	*F1	R370	*F4				
Q111	*F4	R187	*B3	R279	F4	R371	*F4				
Q112	*B2	R188	*C3	R280	F4	R372	F4				
Q201	*F2	R189	*C2	R281	*F2	R373	*E4				
Q202	*F2	R190	*B2	R282	*F2	R374	E4				
		R191	*C2	R283	*F2	R375	E4				
R100	*F4	R192	*C3	R284	*F2	R376	E4				
R101	*A4	R193	*C2	R285	*F2	R377	*F4				
R102	*A4	R194	*C1	R286	*D4	R378	E4				
R103	*A4	R195	*C3	R287	*B3	R379	*D4				
R104	*B2	R196	*C2	R288	*E1	R380	E4				
R105	*A4	R197	*C3	R289	*E1	R381	*E4				
R106	*A4	R198	*C3	R290	*E1	R382	*E4				
R107	A2	R199	*C3	R291	*E1	R383	C4				
R108	A2	R200	*C1	R292	*E1	R384	C4				
R109	A2	R201	*C2	R293	*E1	R385	*E4				
R110	A2	R202	*C2	R294	*E2	R386	*E4				
R111	*A4	R203	*C2	R295	*E2	R387	*E2				
R112	*B2	R204	*D2	R296	*E2	R388	*E4				
R113	*B2	R205	*C2	R297	*E2	R389	*C4				
R114	*B2	R206	*C2	R298	*E2	R390	*C4				
R115	A2	R207	*C2	R299	*E2	R391	*D4				
R116	*B2	R208	*C2	R300	*E2	R392	*D4				
R117	A2	R209	*D2	R301	*E4	R393	*F3				
R118	B2	R210	*C2	R302	E4	R394	*F4				
R119	A2	R211	*C1	R303	E4	R395	*E4				
R120	*A3	R212	*F3	R304	E4	R396	*C2				
R121	*A2	R213	*D1	R305	E4	R397	*B2				
R122	*A3	R214	*D1	R306	E4	R398	*B2				
R123	*B2	R215	*D1	R307	E4	R399	*C1				

VPR-59(1-673-529-11)

C1	B3	C311	*G4	IC2	*B2
C2	*B2	C312	*G3	IC3	*B2
C3	*B2	C313	*G3	IC4	*B2
C4	*B1	C314	*G3	IC5	B3
C5	C3	C315	*H4	IC6	*B1
C6	*B1	C316	*H3	IC7	B2
C7	C1	C317	*H3	IC8	B1
C8	*C1	C318	*H4	IC9	E3
C9	*B3	C319	G5	IC10	D2
C10	B3	C320	*H3	IC11	E3
C11	D1	C321	*G4	IC12	D3
C12	*D1	C322	*G5	IC13	E3
C13	*D2	C323	*H4	IC14	D3
C14	*D3	C324	*H4	IC15	D3
C15	*D4	C325	*H4	IC16	D3
C16	*D2	C326	G4	IC17	E3
C17	*D3	C327	H4	IC18	D3
C19	*E3	C328	H4	IC19	E3
C20	*C1	C329	H4	IC20	*E3
C21	C1	C330	G4	IC21	E3
C22	*E3	C331	*G5	IC22	C2
C23	*E3	C332	*G5	IC23	*C2
C24	*D3	C333	*G5	IC24	D3
C25	*C1	C334	H5	IC25	D1
C26	*D3	C335	G5	IC26	E4
C27	*D3	C336	*G5	IC200	E2
C28	*C2	C337	H4	IC201	*E2
C29	*C1	C338	H5	IC202	*D2
C30	C3	C339	H5	IC203	G2
C31	*D1	C340	H4	IC204	*G3
C34	*D3	C341	G4	IC205	*F1
C35	*E3	C342	H5	IC206	*F1
C36	*D4	C343	H4	IC207	*G2
C37	*D4	C344	*G5	IC208	*F2
C38	E3	C400	A5	IC209	*G2
C39	E4	C401	A4	IC210	*G1
C40	*E3	C402	A5	IC211	*H2
C41	F3	C403	A4	IC212	*G2
C42	E4	C404	A4	IC213	*F5
C43	F4	C407	A4	IC214	*F5
C44	E4	C408	A4	IC215	*G4
C45	*D3	C409	*A5	IC300	*G4
C46	E4	C410	*A5	IC301	G3
C47	F4	C411	A3	IC302	*G4
C200	*E2	C417	C5	IC303	*H4
C201	*F1	C418	*D4	IC304	*G4
C202	*D2	C419	*C5	IC305	*G5
C203	*D1	C420	B5	IC306	*G5
C204	F2	C421	B4	IC307	*H5
C205	*G1	C422	*C4	IC400	C4
C206	*G3	C423	*C3	IC401	*C5
C207	G3	C424	C5	IC402	*D4
C208	F3	C425	E4	IC403	*E4
C209	*G3			IC404	*D5
C210	*F2	CL200	*F1	IC405	*E4
C211	*F1	CL201	*G1	IC406	B4
C212	*F2	CL202	*G1	IC407	B5
C213	*F1	CL203	*G1	IC408	*C5
C214	*G2	CL204	*G1	IC409	B4
C215	*G3	CL205	*G1	IC410	C4
C216	*G2			IC411	B3
C217	*F3	CN91	D5		
C218	*G1	CN92	G5	L2	D4
C219	*G1			L3	E3
C220	*G2	CP200	H3	L4	E3
C221	*G1	CP201	*H2	L5	E4
C222	H2	CP202	H1	L6	D3
C223	*G1	CP203	*H1	L7	E4
C224	*H2			L200	*G2
C225	*H1	D200	*F2	L300	G4
C226	*H2	D300	*G5	L301	*H4
C227	*H1			L302	*G4
C228	*G2	E1	E4	L303	*H4
C229	*F5	E200	H1	L304	*H3
C230	*F5	E201	*H1	L305	G5
C231	*F2	E300	H4	L401	*A5
C232	*G2	E301	*H4	L402	A5
C233	*G2	E400	*B3		
C234	*G1			Q1	*B1
C235	*G1	FB200	*H3	Q2	*C1
C236	*F4	FB201	*H2	Q3	*D3
C300	G4	FB202	*H3	Q4	*D1
C301	*G4	FB203	*H1	Q5	*D1
C302	*G4			Q6	*C1
C303	*G4	FL1	B1	Q7	*D1
C304	*G4	FL2	C1	Q10	D4
C305	G4	FL3	C1	Q11	D4
C306	*G4	FL300	H3	Q12	*D1
C307	G4	FL400	*A4	Q200	*H2
C308	*G4	FL401	*A4	Q201	*H2
C309	*G4			Q300	G4
C310	*G4	IC1	B3	Q301	*H3



VPR-59 -A SIDE-
SUFFIX: -11



VPR-59 -B SIDE-

SUFFIX: -11

Q302	*H3	R92	*D1	R325	*H4	TP6	C1
Q303	*G4	R93	*D1	R326	*H4	TP7	C1
		R94	*C2	R327	*H4	TP8	C3
R1	C3	R95	*C2	R328	*H4	TP9	C3
R2	C3	R96	*C2	R329	*H4	TP10	C3
R3	B3	R97	*D1	R330	*H4	TP300	H5
R4	*A3	R99	*D3	R331	H4	TP301	H5
R5	*A3	R101	*D4	R332	H4		
R6	*B3	R102	*D4	R333	H4	*:B SIDE	
R7	*A3	R103	*D4	R334	H4		
R8	*B2	R104	*D4	R335	H4		
R9	*B3	R105	*D1	R336	H4		
R10	*A3	R106	*D1	R337	H4		
R11	*B3	R107	*F2	R338	G4		
R12	*A3	R110	*C1	R339	*G5		
R13	*B3	R111	D5	R340	G5		
R14	*B3	R112	D5	R341	*G5		
R15	*B3	R113	D5	R342	H4		
R16	*B3	R114	D5	R343	G5		
R17	*A3	R200	D1	R344	H4		
R18	*A3	R201	*E1	R345	H4		
R19	*E3	R202	*D2	R346	*G5		
R20	*A3	R203	F1	R347	*H5		
R21	*E3	R204	*G1	R348	H4		
R22	*E3	R205	*G1	R349	H5		
R23	*D3	R206	*G1	R350	H5		
R24	*C3	R207	H2	R351	H4		
R25	*B1	R208	H2	R352	*H5		
R26	*B1	R209	H1	R353	*H5		
R27	*B1	R210	H1	R354	G5		
R28	*B1	R211	*G3	R355	*G5		
R29	*B1	R212	*F1	R356	*G5		
R30	*B1	R213	*G2	R357	G4		
R31	*B1	R214	*G2	R358	G4		
R32	*B1	R215	*F1	R359	H4		
R33	E4	R216	*F2	R400	D4		
R34	*E3	R217	*F1	R401	*C5		
R35	*D4	R218	*F3	R402	D4		
R36	*E3	R219	*F3	R403	C5		
R37	*D2	R220	*G1	R404	C5		
R38	*D4	R221	*G1	R405	*C5		
R39	*D2	R222	*G2	R406	D4		
R40	*D2	R223	H2	R407	D4		
R41	*D4	R224	*G1	R408	D4		
R42	*E3	R225	*G1	R409	D4		
R43	*D3	R226	H2	R410	D4		
R44	*C1	R227	*G1	R411	D4		
R45	*D2	R228	*H3	R412	D4		
R46	*C1	R229	*F5	R413	D4		
R47	*D2	R230	*H2	R414	E4		
R48	*D2	R231	*F5	R415	D4		
R49	*C1	R232	*H2	R416	E4		
R50	*C1	R233	*G4	R417	D4		
R51	*C1	R234	*H1				
R52	*C1	R235	*G2	RB3	*C2		
R53	*C1	R236	*G2	RB4	*C2		
R54	*C1	R237	*G2	RB5	*C2		
R55	*C3	R238	*G2	RB6	*C2		
R56	*C3	R239	G5	RB200	*G1		
R57	*D4	R240	*G5	RB201	*F5		
R58	*D4	R241	*G5	RB202	*F5		
R59	*D4	R242	*G1	RB203	*F5		
R60	*E3	R243	*G5	RB204	*F5		
R63	*C3	R244	D5	RB205	E5		
R64	*C1	R245	F4	RB206	E5		
R65	*D3	R246	*E5	RB207	E5		
R66	*D1	R247	*E5	RB208	E5		
R67	*D1	R300	G4	RB209	F5		
R68	*D1	R301	*G4	RB210	F5		
R69	*D1	R302	*G4	RB211	F5		
R70	*D1	R303	*G4	RB212	F5		
R71	*C1	R304	*G4	RB213	*G5		
R72	*D3	R305	*G4	RB214	*G5		
R73	*C2	R306	*G4	RB400	*C5		
R74	*C1	R307	*G4	RB401	*C5		
R75	*D4	R308	*G4	RB402	*D5		
R76	*D4	R309	*G4	RB403	*E5		
R77	*C2	R310	*G4	RB404	*D4		
R78	*C2	R311	*G4	RB405	*C3		
R79	*C1	R312	*G3	RB406	*C3		
R80	*D1	R313	*G4	RB407	*C4		
R81	*C1	R314	*G3	RB408	C5		
R82	*C1	R315	*G4	RB409	C5		
R83	*C2	R316	*G4	RB410	*C5		
R84	*C2	R317	*G4	RB411	*D5		
R85	*E3	R318	*H3	RB412	*C5		
R86	*C1	R319	*H3				
R87	*D1	R320	*H3	TP1	C3		
R88	*C3	R321	*H3	TP2	B1		
R89	*C3	R322	*G3	TP3	C1		
R90	*D3	R323	*G4	TP4	C3		
R91	*D1	R324	*G4	TP5	C3		

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